

**BHAGAT PHOOL SINGH MAHILA VISHWAVIDYALAYA
KHANPUR KALAN (SONIPAT)**



Agenda for 26th Meeting of Academic Council

Date:- 14/07/2023

Time:- 11:30 A.M.

Venue:- Conference Hall, Administrative Block, through blended mode (offline and online) BPS Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat), Haryana

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AGENDA FOR THE 26th MEETING OF THE ACADEMIC COUNCIL SCHEDULED TO BE HELD ON 14/07/2023 AT 11:30 A.M. THROUGH BLENDED MODE (OFFLINE AND ONLINE), IN CONFERENCE HALL, ADMINISTRATIVE BLOCK, BPS MAHILA VISHWAVIDYALAYA, KHANPUR KALAN (SONEPAT), HARYANA.

- 1. Confirmation of the Minutes of the 25th meeting of Academic Council held on 17/01/2023.**
To confirm the Minutes of the 25th meeting of the Academic Council held on 17/01/2023 (Annexure-1, page no. 1 -14).
- 2. Follow up Action Report.**
To note the action report on the decisions taken by the Academic Council in its 25th meeting held on 17/01/2023 (Annexure-2, page-15-20).
- 3. To note the action taken by the Vice-Chancellor to attach /allot the various subjects with the concerned Faculty or other Faculty in anticipation of approval of the Academic Council.**

Statement of the case:-

The following subjects are being taught in the Institute of Higher Learning, BPSMV, KK:-

Sr. No.	Name of the Subject
1.	Zoology
2.	Botany
3.	Physics
4.	Chemistry
5.	Environmental Studies
6.	Home Sciences (UG)
7.	Mathematics
8.	Home Sciences (PG) Food and Nutrition
9.	Geography
10.	Computer Science
11.	Economics
12.	Political Sciences
13.	History and Archaeology
14.	English
15.	Sanskrit
16.	Music
17.	Hindi

Till date the UG and PG Board of Studies were constituted for Institute of Higher Learning separately. However, as per University Act, Statute 30(1) "Every department include in a Faculty, shall have two Board of Studies.

One for Under Graduate Studies and other for the Post Graduate Studies and Research".

Thereafter, the case was discussed with the Dean Academic Affairs and it was found that the Institute of Higher Learning is not a Teaching Department; hence the subjects being taught in IHL should be allotted to the Faculty concerned.

Accordingly, the case to attach/allot the following subject was proposed:-

Sr. No.	Name of the Subject	Name of the Department
1.	Zoology	Basic and Applied Sciences
2.	Botany	Basic and Applied Sciences
3.	Physics	Basic and Applied Sciences
4.	Chemistry	Basic and Applied Sciences
5.	Environmental Studies	Basic and Applied Sciences
6.	Home Sciences (UG)	Basic and Applied Sciences
7.	Mathematics	Basic and Applied Sciences
8.	Home Sciences (PG) Food and Nutrition	Basic and Applied Sciences
9.	Geography	Department of Geography
10.	Computer Science	Department of CSE
11.	Economics	Department of Economics
12.	Political Sciences	Department of Political Science
13.	History and Archaeology	Department of History and Archaeology
14.	English	Department of English
15.	Sanskrit	Faculty of Arts and Languages
16.	Music	Faculty of Arts and Languages
17.	Hindi	Faculty of Arts and Languages

Since there is no teaching departments exist for Sr. No. 15 to 17, therefore on the recommendations of the Dean Academic Affairs the above mentioned subjects were allotted with the Faculty of Faculty of Arts and Languages.

In the Academic interest of the University, the Vice-Chancellor, exercising her power under section 11(6) of BPSMV, Act 2006 has approved the above proposal in anticipation of the approval of the Academic Council and desired that the same be placed before Academic Council for information.

4. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D. DEGREES TO THE STUDENTS IN THE SUBJECTS AS MENTIONED AGAINST THEIR NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Statement of the Case:


Following Ph.D. Scholars from various departments had submitted her Ph. D thesis in their departments. For awarding the degree of Doctorate of Philosophy, the provision laid down in BPSMV Ph.D. Ordinance vide clause 13.3 is: -

“The confidential reports submitted by the examiners on the thesis as well as on the viva-voce examination duly signed by the examiner and countersigned by the Chairperson shall be placed before Research Committee consisting of Vice-Chancellor, the Dean of the Faculty and the Head of the Department concerned, within one month of the viva-voce examination.

If the Dean or Head of the Department is not able to participate in the meeting, the Vice-Chancellor will co-opt any other senior member of the Faculty, in his/ her/ their place.

Provisional degree will be awarded after recommendations of the committee and the case will be placed before the Academic Council for approval”

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of the URC
1.	Ms. Monika Rathee D/o Sh. Balwan Singh	Dr. Nutan	Food & Nutrition, BPS IHL	13091102	“Assessment of health status of army personnel and its improvement by developing suitable functional foods”	04.02.2023
2.	Ms. Jannat Bamal D/o Sh. Jaivir Singh Bamal	Dr. Sandhya Rohal	Department of Laws	2017041100 022811	“Freedom of Speech and Expression vis-à-vis Contempt of Courts”	27.01.2023
3.	Ms. Anurag Rana D/o Sh. Jagbir	Dr. Anil Balhera	Department of Law	14051001	“Independence of Judiciary and Judicial Accountability in India: A Critical Study”	27.10.2022



4.	Ms. Deepika Kamboj D/o Sh. Bir Singh	Dr. Rajesh Hooda	Department of Laws	2015041100 021546	"Justice System for Juveniles in India: A Critical Study"	18.01.2023
5.	Ms. Sarika D/o Sh. Krishan Lal	Dr. Vimal Joshi	Department of Laws	2015041100 021554	"Trends of Punishment in India with Special reference of Sexual Offences"	18.01.2023
6.	Ms. Anju Sharma D/o Sh. Ramesh Chand	Dr. Kapil Kumar	Department of Management	2017041100 022977	"Work Engagement and Organizational Effectiveness: A Study of State Universities of Haryana"	15.02.2023
7.	Ms. Bhateri Devi D/o Sh. Ram Kumar	Dr. Seema Dahiya	Department of Laws	2015041100 021531	"Child Labour in India: A Socio Legal Study with Special Reference to Panipat District."	27.10.2022
8.	Ms. Kanchan Khatreja D/o Sh. Uttam Chand	Dr. Suman Dalal	Department of BPS ITTR	2016041100 021516	"Relationship of Creativity in Mathematics of Elementary School Students with Anxiety and Parenting Style"	09.03.2023
9.	Ms. Asha D/o Sh. J.S. Balhara	Dr. Sandeep Dahiya	Department of ECE	2018041100 016606	"Performance Analysis of Radio over Fiber (Rof) Communication System For 5G Technology"	15.03.2023
10.	Ms. Meenu D/o Sh. Surajmal	Dr. Neelam Jain	Department of Pharmaceutical Education & Research	14071001	"Synthesis, Characterization and Biological Evaluation of Some Novel Substituted Pyrazoles"	28.04.2023

N

11.	Ms.Seema Nashier D/o Sh. Raje Ram	Prof. Sanket Vij	Department of Management Studies	2017041100 022946	"Contribution of Socially Backwards in Entrepreneurship: A Study of Dalit Indian Chamber of Commerce and Industry (DICCI)"	03.05.2023
12.	Ms.Deepa D/o Sh. Balbir Singh	Dr. Priya Dhingra	Department of Education	12060805	"Impact of Self Efficacy on Educational Aspiration and Achievement Motivation of Secondary School Students"	01.05.2023
13.	Ms.Seema Rani D/o Sh. Balraj Singh	Dr. Varuna Dahiya	Department of Education	2016041100 021613	"Effectiveness of Constructive Pedagogy of Teaching Mathematics on Learning Outcomes of Children With Hearing Impairment"	01.05.2023
14.	Ms. Jyoti Mor D/o Sh. S.C. Mor	Prof. Shweta Singh	Department of Management Studies	2015041100 002472	"Knowledge Management in Banking Sector in India"	30.05.2023

On the recommendations of the examiners in viva-voce reports and the approval of the University Research Committee, the Provisional Degrees and Notification has already been issued to the candidate by the Controller of Examinations after due approval of the Vice-Chancellor who after exercising her power under section 11(6) of BPSMV, Act 2006 has approved the same in anticipation of the approval of the Academic Council. The Vice Chancellor has further ordered to place the same before Academic Council for ratification.



5. To consider the recommendations of the Committee constituted by the Academic Council vide Resolution no. 35 of its meeting 25th Academic Council held on 17/01/2023 to look in to the matter of registration of following students of Ph. D in Food and Nutrition (IHL):-

Sr. No	PRN/ Roll No (Pre. Ph.D.)	Name of candidate	Name of Supervisor	Research Topic	Date of meeting of PGBOS
1.	2018041100040566 18091001	Aarzoo Tomar D/o Azad Singh Tomar	Dr. Parvinder Kaur	Evaluation of Chlorogenic Acid and Antioxidant Properties of Green Coffee Beans Based Value Added Products.	12.08.2021
2.	2018041100040551 18091002	Anuradha Goswami D/o Bhushan Goswami	Dr. Nutan	Formulation of Instant Probiotic Water Kefir Herbal Mocktail and its Nutritional, Antioxidant Analysis	12.08.2021
3.	2018041100040535 18091003	Mahima Kumari D/o Karan Singh	Dr. Veena, Principal	Nutritional, Phytochemical Assessment of Giloy (Tinospora cordifolia) and its Utilization in Value Added Food Products	12.08.2021
4.	2018041100040543 18091004	Preeti Dabas D/o Raj Singh Dabas	Dr. Parvinder Kaur	Development and Nutritional Analysis of Value Added Products Based on Black Rice	12.08.2021
5.	2018041100040574 18091005	Ramni Purnima Katyal D/o Rajender Katyal	Dr. Veena, Principal	Nutritional Phytochemical Analysis of Underutilized Medicinal Plants and their Utilization in Product Development	12.08.2021

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Statement of the Case:-

The recommendations made by the faculty of Sciences for registration to Ph. D. in Food & Nutrition of the above 05 candidates w.e.f. 12.08.2021 (i.e. date of the meeting of PGBOS) along with their research topic and name of the supervisor as mentioned against each was placed before the Academic Council in its meeting held on 17/01/2023 vide resolution no. 35.

RESOLUTION:-

"AFTER DETAILED DELIBERATIONS, IT WAS FOUND THAT IN THE ABOVE RECOMMENDATIONS, SOME STUDENTS HAVE BEEN ALLOTTED THE SUPERVISOR WHO HAS NOT PH. D. DEGREE IN THE RELEVANT DISCIPLINE FOR WHICH IT HAS BEEN RESOLVED THAT THE FOLLOWING COMMITTEE BE CONSTITUTED TO LOOK IN THE MATTER AGAIN AND GIVE ITS RECOMMENDATIONS": -

- | | |
|-------------------------------|----------|
| 1. DEAN ACADEMIC AFFAIRS | CONVENER |
| 2. DEAN FACULTY OF SCIENCES | MEMBER |
| 3. CONTROLLER OF EXAMINATIONS | MEMBER |

Accordingly, the meeting of the above committee was held on 13/03/2023 and 21/03/2023, the said committee has submitted its recommendations:-

"After deliberate discussion, it was resolved that as per Ph.D. ordinance, the subject Bio-Chemistry is not the concerned subject of Food and Nutrition. It was unanimously resolved that in the academic interest of the Ph.D. Scholars, they may allocated other faculty member of the concerned subject as supervisor. Further, it is resolved that if the supervisor and DRC deemed it appropriate, Dr. Veena may be appointed as Co-supervisor. "

The case was put up to the Vice-Chancellor who after due consideration has desired that the same be placed before Academic Council for consideration and approval.

VII

6. To consider and approve the proposal regarding implementation of syllabus of Cyber Security Course at Under Graduate and Post Graduate Level.

Statement of the case:-

A letter regarding implementation of syllabus of Cyber Security Course at Under Graduate and Post Graduate Level has been received from the University Grants Commission vide no. D.O. No. F. 1-42/2022 (e.Gov) dated 17/10/2022. (Annexure-3, page-21)

The case along with the syllabus (Annexure-4, page-22-32) prescribed by the University Grants Commission was put up to the Vice-Chancellor through Dean Academic Affairs and she after due consideration has ordered to place the same before the Academic Council for discussion on the matter.

7. To consider the cases of following candidates of various Department for Registration in Ph.D. in Programme as mentioned against each.

The following students have completed their Pre-Ph.D. Course Work successfully. Their cases for registration to Ph.D programme have also been considered and approved by the Departmental Research Committee, Post Graduate Board of Studies and Faculty of the concerned Department with effect from the date of PGBOS . The minutes of the concerned PGBOS & Faculty are attached at (Annexure-5, Pages-33-66) As per Ph.D. Ordinance of BPSMV Khanpur Kalan, these cases are to be placed before the Academic Council for approval. The detail of the candidate(s) alongwith their topic and name of the Supervisor(s) is as follows:

Sr. No.	Name of the Candidate	Title	Name of the Supervisor	Date of meeting of PGBOS
1.	Ms. Neeraj D/o Sh. Meer Singh 2020041100010767	Witness Protection Laws in India: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)	25.03.2023
2.	Ms. Sujata Lather D/o Sh. Suresh 2014041100011922	Legal Framework for Regularization of Contractual Services in India- A Socio Legal Study	Dr. Anil Balhara	25.03.2023
3.	Ms. Vijata Kumari D/o Sh. Amit Rawal 2020041100010713	Law of Admission and Confession in India, USA and UK: A Comparative Study	Dr. Alka Bharti	25.03.2023

4.	Ms. Antima D/o Sh. Joginder Singh 2015041100002986	Wrongful Conviction Under Indian Criminal Justice System: A Socio-Legal Study	Dr. Rajesh Hooda	25.03.2023
5.	Ms. Sneha D/o Sh. Kuldeep Singh 2021041100042082	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime and Challenges	Dr. Parmod Malik	25.03.2023
6.	Ms. Anju Bala D/o Sh. Hans Raj 2020041100041023	Sedition Law vis-à-vis Freedom of Speech and Expression in the current Indian Scenario: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (co-supervisor)	25.03.2023
7.	Ms. Babli D/o Sh. Ishwar Singh 2021041100039362	Higher Education Preparedness with Reference to Industry 5.0: The Indian Experience	Prof. Sanket Vij	21.04.2023
8.	Ms. Bhawana Sharma D/o Sh. Deepak Sharma 2021041100039354	Psychographic Influence of OTT Platforms: An Insight into Indian Viewers Disposition	Dr. Krishan Kumar	21.04.2023
9.	Ms. Neeru D/o Sh. Jasbir 2021041100039563	Consumers Preferences and Decision-Making Choices: A Study of Decoy Effect in FMCG Sector	Dr. Meenakshi Katyal	21.04.2023
10.	Ms. Nishu Chauhan D/o Sh. Sanjeev Chauhan 2021041100039377	Academic Leadership, Organisational Politics and Quality of Work Life in Higher Education: An Empirical Analysis	Prof. Shweta Singh	21.04.2023
11.	Garima Malik D/o Jagdish Malik 2017041100009106 18031003	Trauma and Psychic Healing : A study of Twin Bombings in Select Japanese Literature	Prof. Ashok Verma	17.07.2020
12.	Ms. Anju D/o Sh. Narender Singh 2019041100000597	Cinematic Adaptations of Shakespearean Tragedies: A Study of Galiyon Ki Raasleela Ram-Leela, Harider, Omkara and Maqbool	Prof. Amrita	25.04.2023
13.	Ms. Mahima D/o Sh. Amarbir Singh 2019041100000604	Expanding Consciousness: A Study of Select Indian Science Fiction	Prof. Amrita	25.04.2023

14.	Ms. Nisha D/o Sh. Lal Singh 2017041100009242	Structural Analysis of Rajasthani Folktales: A Study of Vijaydan Detha's Timeless Tales From Marwar, New Life Selected Stories and Chouboli And Other Stories Vol. I and Vol. II	Prof. Ravi Bhushan	25.04.2023
15.	Ms. Sukriti Mor D/o Sh. Surender Singh 2014041100002552	Relocating Identity in Transgender Narratives: A Study of Select Indian Texts	Dr. Shalini	25.04.2023
16.	Ms. Vrinda Vats D/o Sh. Suresh Kumar 2014041100002583	Sufi-mystics of Punjab: A Study of Select Works of Bulleh Shah, Waris Shah and Shah Hussein	Prof. Ashok Verma	25.04.2023
17.	Ms. Niti D/o Sh. Rohtas 2015041100013752	Contours of Marginality and Tribal Identity: A Study of Select Literary Texts from the North East	Prof. Ashok Verma	25.04.2023
18.	Pooja Rani D/o Kapoor Singh 2020041100040967/ 20031001	Understanding Existential Dilemma: A Critique of Stephen King's The Stand Albert Camus's The Plague and Mary Shelley's The Last Man	Dr. Geeta Phogat	16.11.2022
19.	Ms. Tamanna D/o Shiv Kumar 2020041100040975/ 20031002	Voicing the Social Imbalance: A Critical Study of the Select Works of Elfriede Jelinek.	Dr. Ravi Bhushan	16.11.2022
20.	Ms. Riya D/o Satish Kumar 2020041100040983/ 20031003	Theatre as a Mode of Liberation: (Re)-viewing the dramaturgy of Augusto Boal's Theatre of the Oppressed.	Dr. Ajeet Singh	16.11.2022
21.	Ms. Shikha Sharma D/o Sanjay Kumar 2020041100040991/ 20031004	Trauma of Exile in Select Kashmiri Memoirs (From Home to House, Our Moon has Blood Clots and A Long Dream of Home)	Dr. Geeta Phogat	16.11.2022
22.	Ms. Renu Chaudhary D/o Arvind Chaudhary 2020041100041007/ 20031005	The idea of Ramrajya' A Comparative Study of M.K. Gandhi's Hind Swaraj, J.L. Nehru's Letters From a Father to His Daughter and B.R. Ambedkar's Riddles in Hinduism	Dr. Ravi Bhushan	16.11.2022

The case of the above candidates was put up to the Hon'ble Vice-Chancellor who after due consideration ordered to place the same before the Academic Council for approval of the Registration of above mentioned candidates to Ph.D. programme w.e.f. the date of meeting of concerned PGBOS.

8. To consider the cancellation of Registration of Ph.D. in Deptt. of Law.

The below mentioned student is the registered student of Ph.D. in Department of Law. The matter of cancellation registration of the student due to the reason mentioned against the name has been approved by the Departmental Research Committee (DRC), PGBOS and Faculty of Law for cancellation of Registration of Ph.D. in Law:

Sr. No.	Name of Ph.D. Scholar	Registration. No.	Reason
1.	Ms. Vandana	2018041100040396	Due to professional commitment

The minutes of all the bodies are **(Annexue-6, page-67-74)**

The Vice-Chancellor has considered the matter and has ordered to refer the case to the Academic Council for consideration and approval.

9. To consider the case of appointment of co-supervisor for Ph.D. in Deptt. of Law.

The below mentioned student is the registered student of Ph.D. in Department of Law. The matter of appointment of Dr. Deepali Mathur, Assistant Professor, Department of Social Work as Co-supervisor with Dr. Anand Kumar, Assistant Professor, Supervisor of the student has already been approved by the Departmental Research Committee (DRC), PGBOS and Faculty of Law:

Sr. No.	Name of Ph.D. Scholar	Registration No.
1.	Ms. Kavita Devi	2018041100040415

The minutes of all the bodies are **(Annexue-7, page-75-82)**

The Vice-Chancellor has considered the matter and has ordered to refer the case to the Academic Council for consideration and approval.

XI

10. To consider and approve the recommendations of the committee constituted to discuss the proposal submitted by Principal, Polytechnic regarding closure of the Diploma in Architectural Assistantship running under Self Finance Scheme.

Statement of the case:-

A proposal regarding closure of Diploma in Architectural Assistantship has been received from the Officiating Principal Polytechnic vide which it is submitted that there is nil admission in the Diploma of Architectural Assistantship from the year 2018 and there is no faculty for the said course. It is pertinent to mention here that the university has to pay Rs. 50000/- per year on account of processing fee of Haryana state Board of Technical Education Panchkula for said course.

The case was considered by the higher authority and the same was forwarded to the committee constituted under the convenorship of the Dean Academic Affairs and the Officiating Principal Polytechnic alongwith the A.R. Academic. The committee in its meeting held on 13/03/2023, the minutes of the said committee is reproduced as under:-

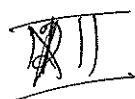
"The meeting of the committee constituted to discuss the proposal submitted by Principal, Polytechnic regarding closure of the diploma in Architecture running under Self Financing Scheme and to give its recommendations has been held on 13/03/2023 at 02:00 p.m. in the office of Dean Academic Affairs, BPSMV Khanpur Kalan.

The following members were present: -

- | | |
|---|----------|
| 1. Dean Academic Affairs | Convener |
| 2. Principal, Polytechnic | Member |
| 3. Assistant Registrar, Academic Branch | Member |

As reported by the Smt. Kiran Jindal, Officiating Principal, BPS Mahila Polytechnic that there is not a single admission in Diploma Course in Architectural Assistantship. This course is running under Self Financing Scheme. There is also no faculty working for this diploma course.

Moreover, the university has to pay a sum of Rs. 50,000/- per year on account of processing fee to Haryana State Board of Technical Education Panchkula. After detailed deliberations, it is unanimously resolved that the Diploma in Architectural Assistantship, (SFS) may be discontinued from the academic session 2023-2024 to avoid any financial burden on the university." The minutes of the said meeting is placed **(Annexure-8 page-83)**.



The minutes of the meeting were put up to the Vice-Chancellor, who after considering the matter has desired to place the same before the Academic Council for consideration.

11. **To note the action taken by the Vice-Chancellor in approving the proposal to discontinue the B.A. (Hons.) Economics programme from the Academic Session 2023-24.**

Statement of the case:-

The Chairperson Department of Economics has submitted a proposal to discontinue the B.A. (Hons) Economics programme from the Academic Session 2023-24.

Further, the HOD states that the Department of Economics will replace this discontinued programme with M.A. 5 years integrated programme from the Academic Session 2024-25 (in line with NEP-2020) / Master programme in Economics (online mode/ Evening session/ other relevant Master Programme in Economics.

The proposal has also been approved the Department Staff Council and UG BOS, Department of Economics respectively.

The minutes of UG BOS of Department of Economics and Staff Council is placed at **(Annexure-9, pages-84-85).**

The case was put up to the Vice-Chancellor who after exercising her power under section 11(6) of BPSMV, Act 2006 has approved the same in anticipation of approval of the Academic Council and further desired to place the same before Academic Council for information and ratification.

12. **To consider and approve the panel of outside Experts in the discipline of Library Science regarding appointment of Librarian as per BPSMV Act-2006 under Section 24(2) of the Statute.**

Statement of case:-

The panel of outsider expert in the subject of Library Science have been received from the Prof. Incharge, Central Library which has been kept under cover. The Vice-Chancellor approved the said panel in anticipation of the Academic Council in view of University, Act-2006 under Section 11(6). Accordingly, the Hon'ble Governor of Haryana and Chancellor of this University was requested to approve the said panel. But the Hon'ble Governor-Chancellor has desired that the panel of outside Experts be got approved from the Academic Council first.

The Vice-Chancellor after considering the matter has ordered to place the same before the Academic Council for consideration and approval.

13. **Any other item.**

Atalik
Registrar
3/1/23

XIII

TABLE AGENDA FOR THE 26th MEETING OF THE ACADEMIC COUNCIL SCHEDULED TO BE HELD ON 14/07/2023 AT 11:30 A.M. THROUGH BLENDED MODE (OFFLINE AND ONLINE), IN CONFERENCE HALL, ADMINISTRATIVE BLOCK, BPS MAHILA VISHWAVIDYALAYA, KHANPUR KALAN (SONEPAT), HARYANA.

13. To consider and approve the Scheme and syllabi of M.Sc. Mathematics, Pre-Ph.D. course work in Mathematics and Physics w.e.f. Academic Session 2023-24.

Statement of Case

The PGBOS Department of Basic and Applied Sciences in its meetings held on 09/07/2023, 11/07/2023 and the Faculty of Sciences in its meeting held on 11/07/2023 have approved the Scheme & Syllabi of M.Sc. Mathematics and Pre-Ph.D. course work in Mathematics and Physics with Programme Outcomes/Programme Specific Outcomes/Course Outcomes w.e.f. academic session 2023-24 . (Annexure-10, page-86-141)

The minutes of the PGBOS and the faculty concerned are placed at (Annexure-11, page-142-144)

The case was put up to the Vice-Chancellor who after due consideration has desired to place the same before Academic Council for consideration and approval.

14. To consider the Registration of three (3) students in Ph.D. in Deptt. of Social Work.

Statement of case:-

The following three (3) students have successfully completed their Pre-Ph.D. Course Work in Ph.D. in Deptt. of Social Work. Their cases have been duly approved by the Departmental Research Committee, Post Graduate Board of Studies and Faculty of Social Sciences. The minutes of the DRC, PGBOS & Faculty are enclosed at (Annexure-12, page-145-147). As per Ph.D. Ordinance of BPSMV Khanpur Kalan, these cases are to be placed before the Academic Council for approval. The detail of the candidate(s) along with their topic and name of the Supervisor(s) is as follows:

S. N.	Name of the Candidate	Title	Name of the Supervisor	Date of meeting of PGBOS
1.	Ms. Preeti Dabas D/o Sh. Dilbag Singh 2020041100040871	A Study of Bride Buying (Molki) in Haryana	Dr. Manju Panwar	21.10.2022
2.	Ms. Renu D/o Sh. Ram Mehar 2020041100040863	Scope of School Social Work Practice in Inclusive Education: A Study of government School in Haryana	Dr. Deepali Mathur	21.10.2022
3.	Ms. Kavita D/o Sh. Swaraj 2020041100040855	Importance and Utilisation of Welfare Schemes by Elderly in Rural Areas of Haryana: A Social Work Perspective	Dr. Manju Panwar	21.10.2022

The case of the above candidates was put up to the Hon'ble Vice-Chancellor who after due consideration ordered to place the same before the Academic Council for approval of the Registration of above 03 candidates to Ph.D. programme in Deptt. of Social Work w.e.f. 21.10.2022 i.e. date of meeting of PGBOS.

15. To consider and approve the Proposal regarding Introduction of the following two courses in Learning Resource Centre BPSMV, Khanpur Kalan.

1. IELTS Preparatory Course.
2. English Language proficiency Course

Statement of case:

The Learning Resource Centre is an autonomous centre of the university mandated to impart English communication skills' training to the students of the university. Since its inception in 2007 the Centre has been conducting communication skills classes for all the enrolled students of the university and also evaluating their outcome through listening and speaking tests. The Centre has also been imparting free training and guidance to the interested students for English proficiency internationally recognised tests like IELTS and Business

English Certificate. Considering the demand and relevance of such tests for employment and higher studies in foreign countries and universities, the LRC proposes to introduce the following courses. There is no additional staff is required for the same.

Sr. No.	Name of the Course	Eligibility for Admission	Intake	Mode	Fees	Duration
1	IELTS Preparatory Course	12 th Pass	40 (both in-house students and outsiders)	Hybrid Mode (offline + online)	Rs. 5000/-	60 Hours (03 hours per week; 0200-0300 pm)
2.	English Language proficiency Course	12 th Pass	50 (both in-house students and outsiders)	Hybrid Mode (offline + online)	Rs. 2500/-	30 Hours (03 hours per week; 0200-0300 pm)

Salient Features of the Course:

- Dedicated Curriculum
- Well Qualified & Experienced Faculty and Trainers
- Free Instructional Material to the Enrolled Students
- Facility to Repeat or Extend the Course with Reduced Fees
- State-of-the-art Language Laboratory and Library

The case was put up to the Vice-Chancellor who after due consideration has desired to place the same before Academic Council for consideration and approval.

16. **To consider the recommendation made by the Fee Concession Committee held on 21.06.2023 at 03.00 P.M. under the convenership of the Dean Students Welfare.**

Statement of the Case:-

At present there is no policy for grant of fee concession to the poor and needy students. Every year many requests are received from all departments for grant of fee concession to poor and needy students. The case was put up to the Vice-Chancellor and then the Vice-Chancellor had constituted a Committee to frame the policy and guidelines for grant of concession to the students of BPSMV, Khanpur Kalan is as under.

The fee concession policy is applicable to the following:-

1. For the students of Kanya Gurukul Sr. Sec. School, Khanpur Kalan and Sr. Sec. School, Regional Centre, Kharal, Jind.

- A. The students of Kanya Gurukul Sr. Sec. School, Khanpur Kalan and Sr. Sec. School, Regional Centre, Kharal, Jind will be allowed the full fee concession and 50% concession in the room rent to the Hostellers in case they are:-
- (i) Orphan Girls
or
 - (ii) (a) Income of the applicant family from all sources shall not be more than 1.80 Lakh per annum (Student should produce income certificate by competent Authorities)

and

(b) The parents/guardian of the student has no Agriculture Land and no other source of Income (Applicant should produce certificate by competent Authorities)

or
 - (iii) Single Girl Child
or
 - (iv) Fatherless child (The income of mother shall not be more than 1.80 lakh per annum (Applicant should produce certificate by competent Authorities).

or
 - (v) Physically handicapped students who have permanent disability of not less than 60 % (On submission of relevant certificate from Chief Medical Officer).
- B. Fee concession may be allowed to two or more children of the same parents at the following rates:-
- (i) The eldest to pay Full fee.
 - (ii) The younger or younger ones to pay Half Fee.

2. For the students of University Teaching Departments and constituent colleges:-

The student will be allowed full concession in tuition fee and 50 % concession in room rent to the hosteller in case they are:-

- (i) Orphan Girls
or
- (ii) Widow

3. Further, the committee also recommended that in special circumstances, the Hon'ble Vice-Chancellor may relax the above condition for a genuine case.

4. The above policy is applicable in case the student is not availing any scholarship or any financial aid from any other body (Student should produce an affidavit on Rs. 10/- stamp by 1st class magistrate)

The case was put up to the Vice-Chancellor who after due consideration has ordered to place the same before the Academic Council for consideration.

17. To consider the Registration of one student namely Ms. Rajni in Ph.D. in Deptt. of CSE/IT.

Statement of Case:

The student namely Ms. Rajni has successfully completed her Pre-Ph.D. Course Work in Ph.D. in Deptt. of CSE/IT. Her case has been duly approved by the Departmental Research Committee, DSC, Post Graduate Board of Studies and Faculty of Social Sciences. The minutes of the DRC, DSC, PGBOS & Faculty are enclosed at **(Annexure-13, Page-148-154)** As per Ph.D. Ordinance of BPSMV Khanpur Kalan, these cases are to be placed before the Academic Council for approval. The detail of the candidate(s) alongwith their topic and name of the Supervisor(s) is as follows:

S. N	Name of the Candidate	Title	Name of the Supervisor	Date of meeting of PGBOS
1.	Ms. Rajni D/o Sh. Jai Bhagwan 2021041100042 847	Design of Hybrid Techniques for Information Security using Digital Watermarking and Cryptography	Prof. Ajit Singh	24.04.2023

The case of the above candidate was put up to the Hon'ble Vice-Chancellor who after due consideration ordered to place the same before the Academic Council for approval of the Registration of above one candidate to Ph.D. programme in Deptt. of CSE/IT w.e.f. 24.04.2023 i.e. date of meeting of PGBOS.

18. To note the action taken by the Vice-Chancellor in approving the proposal for establishment the following teaching Departments in anticipation of the approval of Academic Council.

1. Department of Mass Communication and Journalism.
2. Department of Fine Arts

Statement of Case :-

The Dean Academic Affairs had submitted a proposal with regard to establishment of the following teaching Departments in BPSMV, Khanpur Kalan:

SN	Department	Faculty under which the Department will run
1.	Department of Mass Communication and Journalism.	Faculty of Commerce & Management
2.	Department of Fine Arts	Faculty of Arts and Languages

The case was put up to the Vice-Chancellor who after exercising her powers under section 11(6) of BPSMV; Act 2006 has approved the same in anticipation of approval of the Academic Council. The said proposal has already been approved by the Executive Council vide resolution no 21 in its meeting held on 16/06/2023.

The Vice-Chancellor has desired to place the same before Academic Council for information and ratification.

19. Any other item.


Registrar

Annexures

BPS MAHILA VISHWAVIDYALAYA KHANPUR KALAN (SONEPAT)

MINUTES OF THE 25th MEETING OF THE ACADEMIC COUNCIL HELD ON 17/01/2023 AT 11.30 A.M. IN THE CONFERENCE HALL, ADMINISTRATIVE BLOCK, BPS MAHILA VISHWAVIDYALAYA, KHANPUR KALAN (SONEPAT).

Members Present:-

1.	Prof. Sudesh Vice-Chancellor	Chairperson
2.	Mr. Anil, Officiating Principal, Govt. College, Barota	Ex-Officio Members
3.	Prof. Sanket Vij, Dean Academic Affairs	--do--
4.	Prof. Mahesh Dahich, Dean Faculty of Ayurvedic Medicine, Principal, MSM, Institute of Ayurveda	--do--
5.	Prof. Amrita, Dean, Faculty of Arts & Languages, In-charge Library	--do--
6.	Dr. Suman Dalal, Dean, Faculty of Education, Dean Faculty of Physical Education, Chief Warden	--do--
7.	Prof. Ajit Singh, Dean, Faculty of Engineering & Technology,	--do--
8.	Prof. Neelam Jain, Dean & Chairperson, Deptt. of Pharmacy,	--do--
9.	Prof. Ipshita Bansal, Dean, Faculty of Commerce & Management	--do--
10.	Prof. Vijay Nehra, Dean Faculty of Laws	--do--
11.	Dr. Sunil Sangwan, Dean, Faculty of Sciences Chairperson, Department of BAS	--do--
12.	Dr. Sandeep Dahiya, Controller of Examinations	--do--
13.	Dr. Ravi Bhushan, Chairperson, Department of English,	--do--
14.	Prof. Shweta Singh, Dean of Colleges Dean Students Welfare	--do--
15.	Dr. Bhavna Sharma, Chairperson, Department of Commerce	--do--
16.	Dr. Yogesh Chander, Chairperson, Deptt. of Physical Education	--do--
17.	Dr. Manju Panwar, Chairperson, Department of Social Work	--do--
18.	Dr. Kokila Malik, Chairperson, Deptt. of Geography	--do--
19.	Dr. Veena, Proctor	--do--
20.	Dr. Madhvi Seetha, Associate Professor, Faculty of Ayurvedic Medicine.	-Other Members-

21.	Dr. Shalini, Asstt. Prof. Faculty of Arts & Languages	--do--
22.	Dr. Deepali Mathur, Asstt. Prof., Faculty of Social Sciences	--do--
23.	Dr. Kritika, Asstt. Prof. Faculty of Law	--do--
24.	Dr. Anuradha, Asstt. Prof., Faculty of Ayurvedic Medicine	--do--
25.	Dr. Meenakshi Katyal, Asstt. Prof. Faculty of Commerce & Management	--do--
26.	Dr. Monika, Asstt. Prof. Faculty of Education	--do--
27.	Prof. Shalini Singh, Department of Psychology, Maharshi Dayanand University,	--do--
28.	Prof. Manjula Choudhary, Dean Academic Affairs, Kurukshetra University, Kurukshetra,	--do--
29.	Dr. Kamlesh (Retd Professor), IMSAR, MDU Rohtak,	--do--
30.	Dr. Jagbir Singh, Chairman, Board of School Education, Bhiwani, Haryana,	--do--
31.	Prof. Sukhdeep Singh,, Department of Computer and Engineering, Deenbandhu Chhotu Ram University, of Science and Technology, Murthal.	--do--
32.	Prof. B.B. GOYAL, University Business School, Punjab University, Sec- 14, Chandigarh.	--do--
33.	Dr. Mathachan K.J., In-charge, Deptt.of Foreign Languages	Special invitee
34.	Dr. Seema Dahiya, In-charge, Deptt.of Laws	--do--
35.	Dr. Pankaj Mishra, In-charge, Deptt.of Hotel Management	--do--
36.	Dr. Harinder Pal, In-charge, Deptt.of Fashion Technology	--do--
37.	Mr. Rampal, In-charge, Deptt.of Political Science	--do--
38.	Dr. Archana Malik, In-charge, Department of History & Archaeology	--do--
39.	Dr. Neelam Malik, Registrar	Member Secretary

THE QUORUM WAS COMPLETE.

At the outset, the Vice-Chancellor welcomed all the members, to the 25th meeting of the Academic Council. All the members wished the Hon'ble Vice Chancellor a bright new year and a fond farewell to the old. She also wished the same.

She informed the house that SSR report has been submitted by the University on 14 Aug, 2022 and the same has been accepted. The NAAC team may visit the university in the last week of Feb, 2023. All the members congratulated her for the same. She also added that BPSMV has also established Bhagat Phool Singh Mahila Vishwavidyalaya Alumini Association Cell which is also registered under department of Industries and Commerce, Government of Haryana. The university will celebrate BPSMV Alumini Association day on 24th February every year to commemorate the birthday of the founder late Bhagat Phool Singh ji.

After the exchange of pleasantries, the formal agenda items with the permission of the Chairperson were taken up by the Registrar.

1. Confirmation of the Minutes of the 24th meeting of Academic Council held on 09/06/2022.

RESOLVED THAT THE MINUTES OF THE 24th MEETING OF THE ACADEMIC COUNCIL HELD ON 09.06.2022 BE CONFIRMED.

2. Follow up Action Report.

RESOLVED THAT THE FOLLOW UP ACTION TAKEN ON THE DECISIONS OF THE ACADEMIC COUNCIL MEETING HELD ON 09.06.2022 BE NOTED.

3. To note the action taken by the Vice Chancellor for increasing the 10% seats in M.Sc. Physics and M.Sc. Chemistry programme in the Department of Basic and Applied Sciences, BPSMV, Khanpur Kalan in anticipation of approval of the Academic Council.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

4. To note the action taken by the Vice Chancellor to increase the sanctioned intake of M.Sc. Geography programme from 30 to 40 in the Department of Geography, BPSMV, Khanpur Kalan in anticipation of approval of the Academic Council.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

5. To note the action taken by the Vice Chancellor to increase the sanctioned intake of B.A. course from 160 to 240 at Regional Centre, Kharal in anticipation of approval of the Academic Council.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

6. To note the action taken by the Vice-Chancellor with regard to approval of the Research Promotion Policy, BPS Mahila Vishwavidyalaya, Khanpur Kalan in anticipation of the approval of the Academic Council and Executive Council.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICECHANCELLOR BE APPROVED. FURTHER, RESOLVED THAT THE RESEARCH PROMOTION POLICY SHALL BE AMENDED AS PER LATEST GUIDELINES ISSUED BY THE STATE GOVERNMENT AND UGC FROM TIME TO TIME. THE VICE CHANCELLOR WAS AUTHORIZED TO APPROVE THE AMENDMENTS, IF ANY.

7. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of the URC
1.	Ms. Swati Punia D/o Sh. Mahavir Singh	Dr. Himanshu Parmar	Department of English	2016041100 022431	"Matrices of War in Select Short Stories of Ambrose Bierce, Ernest Hemingway, Roald Dahl, Saadat Hasan Manto, Tim O' Brien and Katey Schultz"	24.05.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

8. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Manisha Kumari D/o Sh. Satyanarain	Dr. Ashok Verma	Deptt. of English	2014041100 017474	"Dynamics of Power in the Short Narratives of Contemporary Indian Women Writers: A Select Study"	22.06.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

9. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Reena D/o Sh. Subhash Chand	Dr. Seema Dahiya	Deptt. of Laws	14051005	"Child Abuse and Law In India: A Socio Legal Study in the area of District Sonapat"	01.07.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

10. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Manju Bala D/o Sh. Ramphal	Dr. Poonam	Deptt. of Education	2016041100 021555	"Study of Teacher Enthusiasm and Quality of Life in Different Organizational Climate of Secondary Schools"	06.06.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

11. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Anjana Pandey D/o Sh. Prem Chand Pandey	Dr. Ishani Patharia	Deptt. of Commerce	2015041100 021593	"Customer Preferences and Loyalty towards Mobile Network Service Providers in Haryana"	05.08.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

12. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Nirmala Devi D/o Sh. Chander Singh	Dr. Parmod Malik	Deptt. of Laws	14051002	"Live-in-Relationship: A Socio Legal Analysis in the Union Territory of Delhi"	10.08.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

13. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Anupama Yadav D/o Sh. Anil Rao	Dr. Anand Kumar	Deptt. of Laws	2018041100 040381	"Socio-Legal Dimension of Live-In-Relationship: A Comparative Study of France, U.S.A. and India"	10.08.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

14. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Sonu D/o Sh. Jeewan Dass	Dr. Seema Dahiya	Deptt. of Laws	2015041100 021515	"The right of Private Defence Under Criminal Law: An Analytical Study"	05.09.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

15. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Rekha Kumari D/o Sh. Ranbir Singh	Dr. Kritika	Deptt. of Laws	2016041100 022381	"Sustainable Development and Human Rights in National Perspective"	21.09.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

16. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Sonia Kumari D/o Sh. Ranbir Singh	Dr. Shalini	Deptt. of English	2016041100 22423	"Revisiting the Mahabharata in M.T. Vasudevan Nair's Bhima: Lone Warrior, Kavita Kane's Karna's Wife: The Outcast's Queen and Shivaji Sawant's Mrityunjaya: The Death Conqueror".	11.07.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

17. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Sonu Rani D/o Sh. Om Parkash	Dr. Sarla Rani	Deptt. of BPS ITTR	2017041100 022923	"A Study on Social Freedom in Relation to Educational Aspiration and Decision Making of Under Graduate Female Students"	10.10.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

18. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Meenu Rani D/o Sh. Ved Singh	Dr. Anu Balhara	Deptt. of BPS ITTR	2016041100 021571	"Comparative Study of Government and Private School Students with respect to Creativity, Self-Efficacy, Resilience and Academic Achievement"	10.10.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

19. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Meena D/o Sh. Mahender Singh	Dr. Renuka Sharma	Deptt. of BPS ITTR	2016041100 021563	"Effectiveness of Instructional Package in Mathematics on the Performance of Children with Dyscalculia"	10.10.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

20. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Shikha D/o Sh. Balbir	Dr. Monika	Deptt. of BPS ITTR	2016041100 010406	"A Study of Academic Resilience in Relation to Academic Self-Concept and Parenting"	10.10.2022

					Style among Senior Secondary Students"	
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RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

21. To consider the proposal to start Ph.D. programme in the Department of Physics from the Academic Session 2022-23.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED. FURTHER, RESOLVED THAT THE NAME OF THE DEPARTMENT BE READ AS DEPARTMENT OF BASIC AND APPLIED SCIENCES INSTEAD OF DEPARTMENT OF PHYSICS.

22. To note the action taken by the Vice-Chancellor to approve the Scheme of Examination and Syllabus of BA/BBA LLB Programme 1st to 10th semester and LLM programme 2nd to 4th semester with effect from 2021-22 in anticipation of the approval of the Academic Council.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED

23. To consider & approve the recommendations of the committee constituted to frame/ rules for improvement of academic performance by students of all the (UG/PG) UTDs/Constituent institutes/Regional Centers and Affiliated Colleges except MSM Institute of Ayurveda & Department of Pharmaceutical Education and Research/Engineering/Laws will be applicable as per the rules of regulatory bodies.

RESOLVED THAT THE RECOMMENDATIONS OF THE COMMITTEE AS ABOVE BE APPROVED

24. To consider the revised scheme and syllabus of B Tech. (Electronics and Communication Engineering 1st, 2nd, 3rd, and 4th year in the Department of Electronics and Communication Engineering to be implemented w.e.f 2022-23.

RESOLVED THAT THE ABOVE SCHEME AND SYLLABUS BE APPROVED.

25. To note the action taken by the Vice-Chancellor in anticipation of approval of Academic Council regarding granting relaxation in promotion policy of students of various courses of the University for the current Academic Session 2022-23.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

26. To note the action taken by the Vice-Chancellor in anticipation of approval of Academic Council to start Ph.D. in the Department of Hotel Management from the Academic Session 2022-23.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

27. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Partibha Devi D/o Sh. Upender Singh	Dr. Sandeep Berwal	Department of BPS ITTR	2016041100 021586	"An Assessment of the Implementation of Inclusive Education of the Disabled at Secondary Stage Scheme in Haryana."	10.11.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

28. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Sanchita Verma D/o Sh. Sushil Verma	Dr. Renuka Sharma	BPS Institute of Teacher Training & Research	2015041100 016344	"A Study of Achievement Motivation and Learning Styles of Senior Secondary School Students in Relation to their Self Regulated Learning"	21.11.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

29. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Rajwanti D/o Sh. Dharampal	Dr. Seema Malik	Department of Commerce	2015041100 021604	"Intellectual Capital and Financial Performance of Select BSE Listed Companies in India"	21.11.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

30. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
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1.	Ms. Jyoti D/o Sh. Surjan	Dr. Seema Malik	Department of Commerce	2016041100 007095	"Ease of Doing Business and Foreign Direct Investment: An analytical Study in Global Perspective"	21.11.2 022
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RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

31. TO NOTE THE ACTION TAKEN BY THE VICE CHANCELLOR TO AWARD THE Ph. D DEGREE TO THE STUDENT IN THE SUBJECT AS MENTIONED AGAINST HER NAME IN ANTICIPATION OF THE APPROVAL OF THE ACADEMIC COUNCIL.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of Meeting of URC
1.	Ms. Partibha Devi D/o Sh. Upender Singh	Dr. Sandeep Berwal	Department of BPS ITTR	2016041100 021586	"An Assessment of the Implementatio n of Inclusive Education of the Disabled at Secondary Stage Scheme in Haryana."	10.11.2 022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

32. To consider and approve the recommendations of the Committee constituted by the Vice-Chancellor to resolve the matter of a student namely Ms. Shweta, B. Sc. (Medical) from BPS IHL, Roll No. 16094439 who has been issued the DMC of 6th Semester by the Examinations Branch inadvertently despite the fact she had re-appear in her first semester.

RESOLVED THAT THE RECOMMENDATIONS OF THE COMMITTEE AS ABOVE BE APPROVED.

33. To consider and approve the following amendment in Section 15 of the BPSMV, Act. 2006 are made as under:-

Section 15 of the University Act	
Existing	Proposed
Provided that all members of the above authorities shall be women except in cases of ex-officio members	The Clause may be deleted.

ITEM WAS WITHDRAWN.

34. To consider and approve the recommendations of the Committee held on 07/11/2022 under the Convenership of the Dean Academic Affairs constituted by the Vice-Chancellor to submit the proposal regarding closer/continuation of Certificate/Diploma courses

running in the University in which the admissions are very less or nil during the last five years.

RESOLVED THAT THE RECOMMENDATIONS OF THE COMMITTEE AS ABOVE BE APPROVED. AFTER A DETAILED DELIBERATIONS IT WAS ALSO RESOLVED THAT THE YOGA COURSE MAY BE STARTED IN THE DEPARTMENT OF PHYSICAL EDUCATION. FURTHER, RESOLVED THAT ALL THE CONCERNED HODS MAY RELOOK ON THE MATTER AND SUGGEST TO INCLUDE SUCH IMPORTANT SUBJECTS AS AN ELECTIVE SUBJECT IN THEIR COURSES.

- 35.To consider the recommendations made by the Faculty of Sciences for registration to Ph. D. in Food & Nutrition of the following 05 candidates w.e.f. 12.08.2021 (i.e. date of the meeting of PGBOS) along with their research topic and name of the supervisor as mentioned against each. Details of the Ph. D. candidates are as under:-

Sr. No.	PRN/ Roll No (Pre. Ph.D.)	Name of candidate	Name of Supervisor	Research Topic	Date of meeting of PGBOS
1	2018041100040566 18091001	Aarzoo Tomar D/o Azad Singh Tomar	Dr. Parvinder Kaur	Evaluation of Chlorogenic Acid and Antioxidant Properties of Green Coffee Beans Based Value Added Products.	12.08.2021
2	2018041100040551 18091002	Anuradha Goswami D/o Bhushan Goswami	Dr. Nutan	Formulation of Instant Probiotic Water Kefir Herbal Mocktail and its Nutritional, Antioxidant Analysis	12.08.2021
3	2018041100040535 18091003	Mahima Kumari D/o Karan Singh	Dr. Veena, Principal	Nutritional, Phytochemical Assessment of Giloy (Tinospora cordifolia) and its Utilization in Value Added Food Products	12.08.2021
4	2018041100040543 18091004	Preeti Dabas D/o Raj Singh Dabas	Dr. Parvinder Kaur	Development and Nutritional Analysis of Value Added Products Based on Black Rice	12.08.2021
5	2018041100040574 18091005	Ramni Purnima Katyal D/o Rajender Katyal	Dr. Veena, Principal	Nutritional Phytochemical Analysis of Underutilized Medicinal Plants and their Utilization in Product Development	12.08.2021

After detailed deliberations, it was found that in the above recommendations, some students have been allotted the supervisor who

has not Ph. D. degree in the relevant discipline. It was resolved that the following committee be constituted to look in the matter again and give its recommendations: -

- | | | |
|----|----------------------------|----------|
| 1. | Dean Academic Affairs | Convener |
| 2. | Dean Faculty of Sciences | Member |
| 3. | Controller of Examinations | Member |

36. To consider the recommendation made by the Faculty of Science for registration to Ph. D. in Mathematics of the following candidate w.e.f. 20.10.2022 (i.e. date of the meeting of PGBOS) along with their research topic and name of the supervisor as mentioned against each. A detail of the Ph. D. candidates is as under:-

Sr. No	PRN/ Roll No (Pre. Ph.D.)	Name of candidate	Name of Supervisor	Research Topic	Date of meeting of PGBOS
1	2015041100006574 18091001	Ms. Pooja D/o Jagbir Singh	Dr. Sunil Kumar	A Study of Some Dynamical Problems in Thermoelasticity.	20.10.2022

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED.

37. To consider and approve the minor change in the qualifying paper namely Environment Studies in the all the UG Programme for all the University Teaching Departments/Affiliated Colleges and Regional Centers except Department of Pharmacy, Laws and MSM Institute of Ayurveda.

RESOLVED THAT THE MINOR CHANGES AS ABOVE BE APPROVED.

38. To consider and approve the Constitution and Byelaws of Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan Alumni Association Khanpur Kalan.

RESOLVED THAT THE BYELAWS OF BHAGAT PHOOL SINGH MAHILA VISHWAVIDAYALA, KHANPUR KALAN ALUMNI ASSOCIATION KHANPUR KALAN BE APPROVED.

39. To consider the case for constitution of the inspection committees for periodically inspection of affiliated colleges.

Sr. No.	Name of Colleges	Inspection Committee
1.	Govt. College for Girls, Sonipat	Prof. Ravi Bhushan, Dept. of English - Convener Dr. Kapil Kumar, Assistant Professor, Dept. of Management Studies - Member Dr. Deepali Mathur, Assistant Professor, Dept. of Social Work - Member
2.	Tau Devi Lal, Govt. College for Women, Murthal, Sonipat	Prof. Ashok Verma, Dept. of English - Convener Dr. Anil Balhara, Assistant Professor, Deptt. of Laws - Member Dr. Kiran Lamba, Assistant Professor, Dept. of Economics - Member
3.	Govt. College for Women, Gohana, Sonipat	Dr. Krishan, Associate Professor, Dept. of Management Studies - Convener Dr. Daisy, Associate Professor in English, IHL - Member Dr. Rajesh Kumar, Assistant Professor, Mathematics (IHL) - Member
4.	Govt. College for Girls, Mohana, Sonipat	Dr. Varuna Dahiya, Associate Professor in ITTR - Convener Dr. Rampal, Assistant Professor in Political Science, IHL - Member Dr. Ishani Patharia, Assistant Professor, Dept. of Commerce - Member
5.	Govt. College for Women, Madlauda, Panipat	Dr. Priyanka Anand, Associate Professor, Dept. of ECE - Convener Dr. Suman. B. Kuhar, Assistant Professor in Physics, IHL - Member Dr. Anshu Bhardwaj, Assistant Professor, - Member

		Dept. of Management Studies	
6.	Arya Adarsh Girls College, Madlauda, Panipat	Dr. Sunil Sangwan, Dean Sciences,	- Convener
		Dr. Kokila Malik, Associate Professor	
		Institute of Higher Learning	- Member
		Dr. Pawan Saroha, Assistant Professor	
		Dept. of Laws	- Member

Resolved that the inspection committee as above be approved.

- 40.To cancellation of Ph.D. Registration of Ms. Sunita, Research Scholar, Department of Economics.

Resolved that the Registration of Ms. Sunita, Research Scholar, Department of Economics on the basis of unsatisfactory report be cancelled.

- 41.To note the action taken by the Vice-Chancellor to grant the mercy Chance in respect of Ms. Lovely Bansal a student of M.Com. Programme Department of Commerce. In anticipation of approval of the academic council.

RESOLVED THAT THE ACTION TAKEN BY THE HON'BLE VICE-CHANCELLOR BE APPROVED. Further resolved that the student be given Six months to complete her degree.

Registrar

ANNEXURE-II

ACTION TAKEN REPORT

Sr. No.	Agenda	Resolution send for Action Taken Report
1.	Confirmation of the Minutes of the 24 th meeting of Academic Council held on 09/06/2022.	Noted
2.	Follow up Action Report.	Noted
3.	To note the action taken by the Vice Chancellor for increasing the 10% seats in M.Sc. Physics and M.Sc. Chemistry programme in the Department of Basic and Applied Sciences, BPSMV, Khanpur Kalan in anticipation of approval of the Academic Council.	The letter has been issued vide no. BPSMV/Acad/23/474 dated 02/02/2023.
4.	To note the action taken by the Vice Chancellor to increase the sanctioned intake of M.Sc. Geography programme from 30 to 40 in the Department of Geography, BPSMV, Khanpur Kalan in anticipation of approval of the Academic Council.	The letter has been issued vide no. BPSMV/Acad/23/475 dated 02/02/2023.
5.	To note the action taken by the Vice Chancellor to increase the sanctioned intake of B.A. course from 160 to 240 at Regional Centre, Kharal in anticipation of approval of the Academic Council	The letter has been issued vide no. BPSMV/Acad/23/476 dated 02/02/2023.
6.	To note the action taken by the Vice-Chancellor with regard to approval of the Research Promotion Policy, BPS Mahila Vishwavidyalaya, Khanpur Kalan in anticipation of the approval of the Academic Council and Executive Council.	The same has already been uploaded on the University website.
7.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
8.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
9.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
10.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic	Provisional certificate and Ph.D Notification issued.

	Council.	
11.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
12.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
13.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
14.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
15.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
16.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
17.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
18.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
19.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
20.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.

	Council.	
21.	To consider the proposal to start Ph.D Programme in the Department of Basic and Applied Sciences.	The letter has been issued vide office no. BPSMV/Acad/23/477 dated 02/02/2023.
22.	To note the action taken by the Vice-Chancellor to approve the Scheme of Examination and Syllabus of BA/BBA LLB Programme 1 st to 10 th semester and LLM programme 2 nd to 4 th semester with effect from 2021-22 in anticipation of the approval of the Academic Council.	The letter has been issued vide no. BPSMV/Acad/23/473 dated 02/02/2023 and the same has been uploaded on the University website
23.	To consider & approve the recommendations of the committee constituted to frame/ rules for improvement of academic performance by students of all the (UG/PG) UTDs/Constituent institutes/Regional Centres and Affiliated Colleges except MSM Institute of Ayurveda & Department of Pharmaceutical Education and Research/Engineering/Laws will be applicable as per the rules of regulatory bodies	An email has been sent to all the /Deans/HODs/Principal with the request the said provision be added/amended in the Ordinance of your respective departments.
24.	To consider the revised scheme and syllabus of B Tech. (Electronics and Communication Engineering 1 st , 2 nd , 3 rd , and 4 th year in the Department of Electronics and Communication Engineering to be implemented w.e.f 2022	Syllabus has been sent to the COE vide letter no. BPSMV/Acad/23/525 dated 3/2/2023 and also uploaded on the University website
25.	To note the action taken by the Vice-Chancellor in anticipation of approval of Academic Council regarding granting relaxation in promotion policy of students of various courses of the University for the current Academic Session 2022-23.	The letter has already been issued to all HOD's/Principals, Directors vide no. BPSMV/Acad/3212-3265 dated 07/11/2022
26.	To note the action taken by the Vice-Chancellor in anticipation of approval of Academic Council to start Ph.D. in the Department of Hotel Management from the Academic Session 2022-23.	The letter has been issued vide no. BPSMV/Acad/23/472 dated 02/02/2023
27.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
28.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.
29.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic	Provisional certificate and Ph.D Notification issued.

	Council.							
30.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued.						
31.	To note the action taken by the Vice Chancellor to award the Ph. D degree to the student in the subject as mentioned against her name in anticipation of the approval of the Academic Council.	Provisional certificate and Ph.D Notification issued						
32.	To consider and approve the recommendations of the Committee constituted by the Vice-Chancellor to resolve the matter of a student namely Ms. Shweta, B. Sc. (Medical) from BPS IHL, Roll No. 16094439 who has been issued the DMC of 6 th Semester by the Examinations Branch inadvertently despite the fact she had re-appear in her first semester.	DMC of 1 st semester with Sr. no. 170482 issued on 27/02/2023. However, it is noted for future not to repeated as precedent.						
33.	To consider and approve the following amendment in Section 15 of the BPSMV, Act. 2006 are made as under:- <table><tr><th colspan="2">Section 15 of the University Act</th></tr><tr><th>Existing</th><th>Proposed</th></tr><tr><td>Provided that all members of the above authorities shall be women except in cases of ex-officio members</td><td>The Clause may be deleted.</td></tr></table>	Section 15 of the University Act		Existing	Proposed	Provided that all members of the above authorities shall be women except in cases of ex-officio members	The Clause may be deleted.	The item has been withdrawn.
Section 15 of the University Act								
Existing	Proposed							
Provided that all members of the above authorities shall be women except in cases of ex-officio members	The Clause may be deleted.							
34	To consider and approve the recommendations of the Committee held on 07/11/2022 under the Convenership of the Dean Academic Affairs constituted by the Vice-Chancellor to submit the proposal regarding closer/continuation of Certificate/Diploma courses running in the University in which the admissions are very less or nil during the last five years.	The letter has been issued all the HOD's and Concerned Chairperson vide no. 489-524 dated 02/02/2023.						
35	To consider the recommendations made by the Faculty of Sciences for registration to Ph. D. in Food & Nutrition of the following 05 candidates w.e.f. 12.08.2021 (i.e. date of the meeting of PGBOS) along with their research topic and name of the supervisor as mentioned against each. Details of the Ph. D. candidates are as under:-	The recommendation of the Committee referred to the meeting of the Academic Council						
36	To consider the recommendation made by the Faculty of Science for registration to Ph. D. in Mathematics of the following candidate w.e.f. 20.10.2022 (i.e. date of the meeting of PGBOS) along with their research topic and name of the supervisor as mentioned against each. A detail of	Ph.D Registration letter No. BPSMV/R&S/23/38 dated 13/02/2023 of Ms. Pooja D/o Jagbir has been issued to the Chairperson, Department of Basic and Applied Sciences						

	the Ph. D. candidates is as under:-	and endorsed to the concerned candidate.
37	To consider and approve the minor change in the qualifying paper namely Environment Studies in the all the UG Programme for all the University Teaching Departments/Affiliated Colleges and Regional Centers except Department of Pharmacy, Laws and MSM Institute of Ayurveda.	The resolution has been circulated all the HOD's vide no.BPSMV/Acad/23/ 411-450 dated 31/01/2023. As per observation of the Controller of Examinations and Dr. Bhupender Singh the resolution may be read " the Paper Environmental Studies (EVS 201) may be taught in the 3 rd semester for all B.Tech. programme including B.Voc. programme. For all other under graduate programme the decision of the Academic Council in its meeting held on 17/01/2023 already passed shall be followed letter and spirit and the common syllabi as passed by the Academic Council in its meeting held on 20/06/2018 shall be adopted/implemented in UG/integrated programme.
38.	To consider and approve the Constitution and Byelaws of Bhagat Phool Singh Mahila Vishwavidayala, Khanpur Kalan Alumni Association Khanpur Kalan.	The same has already been uploaded on the University website.
39.	To consider the case for constitution of the inspection committees for periodically inspection of affiliated colleges.	The letter for periodically inspection were issued vide letter no. BPSMV/CB/23/40-63 dated 21/02/2023
40	To consider and approve the cancellation of Ph.D. Registration of Ms. Sunita, Research Scholar, Department of Economics.	Cancellation of Ph.D Registration letter No. BPSMV/R&S/23/43 dated 15/02/2023 of Ms. Sunita has been issued to the Chairperson, Department of Economics and endorsed to the concerned candidate. As per observation of the Dean Academic Affairs the resolution may be read as under " resolved that on the basis of the unsatisfactory report and conduct"

41	To note the action taken by the Vice-Chancellor to grant the mercy Chance in respect of Ms. Lovely Bansal a student of M.Com. Programme Department of Commerce in anticipation of approval of the Academic Council.	Implemented by the Department of Commerce in the current Academic Session and her result is also declared by the Examination Branch on 21/03/2023.
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विश्वविद्यालय अनुदान आयोग
University Grants Commission

(शिक्षा मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)

बहादुरशाह जफ़र मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002

Ph.: 011-23236288/23239337

Fax : 011-2323 8858

E-mail : secy.ugc@nic.in

प्रो. रजनीश जैन
सचिव

Prof. Rajnish Jain
Secretary

D.O.No.F.1-42/2022(e.Gov)

17th October, 2022

Subject: Regarding the implementation of Syllabus of Cyber Security Course at Undergraduate and Post Graduate level.

Respected Madam/Sir,

On the occasion of Cyber Jaagrookta Diwas, 06th October, 2022, the University Grants Commission (UGC) launched the Syllabus of Cyber Security Course at Undergraduate and Post Graduate levels (https://www.ugc.ac.in/e-book/Cyber_Security/mobile/index.html).

The syllabus aims to create more aware, responsive and responsible digital citizens, thereby contributing effectively to an overall healthy cyber security posture and ecosystem.

In view of the importance of cyber security and for propagating cyber hygiene amongst HEIs, you are requested to take necessary steps for implementation of the Syllabus of Cyber Security Course at Undergraduate and Post Graduate level in all the streams of your esteemed University and also in the affiliated/constituent Colleges.

With kind regards.

Yours sincerely,

(Rajnish Jain)

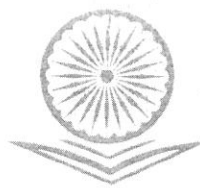
To

- The Vice-Chancellors of all Universities
- The Principals of all Colleges

Syllabus of Cyber Security Course at Undergraduate and Post Graduate level



सत्यमेव जयते



ज्ञान-विज्ञान विमुक्तये

The University Grants Commission
Bahadur Shah Zafar Marg
New Delhi – 110002

www.ugc.ac.in

Contents

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Syllabus of Cyber Security Course at Undergraduate and Post Graduate level

Introduction

The evolution of Information Communication Technology (ICT) and growing security concerns demands flexible and generally comprehensive approach to the issue of cyber security. The rapid growth of ICT has raised various complex questions which need to be addressed. A need has been felt to address cyber security broadly, as also in sufficient depth so that even students from non-technical streams will develop a more complete picture of the cyber security issues. The syllabus has been prepared with an aim to create more aware, responsive and responsible digital citizens, thereby contributing effectively to an overall healthy cyber security posture and ecosystem.

Terms of Reference

2. Terms of Reference (TOR) for drafting the proposed syllabus.

- (a) Cyber security as a subject needs to be incorporated at Graduation and Post-Graduation level in all the streams.
- (b) A separate syllabus for Graduation and Post-Graduation program to be prepared.
- (c) The syllabus should incorporate all the essential elements of cyber security so that the students at the Graduation and Post-Graduation level understand the essence and concept of cyber security as a whole.
- (d) The syllabus of cyber security at the Undergraduate level to be pitched at basic and mid-level wherein the syllabus at Post Graduate level should cover mid and advanced level concepts, duly considering the fact that Post Graduation students would have exposure to the basic concepts of cyber security in the preceding degree.
- (e) The syllabus should have sufficient depth so that even students from the non-technical streams can develop a complete picture of cyber security.

Essential Components of Cyber security

3. People, Process and Technology are the important pillars of the Cyber security, as to how, effectively the aspects related to these components fit into the curriculum considering the cyber threat landscape forms part of the content structuring and syllabus formation. With this backdrop, the following aspects, as tabulated below, have been taken into consideration in the syllabus formation: -

Sl. No.	Content	Level
(a)	Essential components of cyber security	Basic
(b)	Cyber security threat landscape	Basic
(c)	Cyber crime and its types	Basic – Medium
(d)	Remedial and mitigation measures	Basic
(e)	Reporting of Cyber crime	Basic

Sl. No.	Content	Level
(f)	Cyber Law	Basic
(g)	Data privacy and security	Basic
(h)	E-Commerce, Digital payments and its security	Medium
(i)	Overview of Social media and its security	Medium
(j)	Cyber security of digital devices	Medium
(k)	Tools and technology for cyber security	Medium
(l)	Cyber security plan and crisis management	Advanced
(m)	Security controls	Advanced
(n)	Risk based assessment, audit and compliance	Advanced
(o)	Cyber security best practices and do's and don'ts	Medium
(p)	Platforms to report and combat cyber crime	Basic
(q)	Practical hands-on	Basic-Medium and Advanced

Program Educational Objectives (PEOs)

4. The exposure of the students to Cyber Security program at Graduate and Post Graduate level should lead to the following: -
 - (a) Learn the foundations of Cyber security and threat landscape.
 - (b) To equip students with the technical knowledge and skills needed to protect and defend against cyber threats.
 - (c) To develop skills in students that can help them plan, implement, and monitor cyber security mechanisms to ensure the protection of information technology assets.
 - (d) To expose students to governance, regulatory, legal, economic, environmental, social and ethical contexts of cyber security.
 - (e) To expose students to responsible use of online social media networks.
 - (f) To systematically educate the necessity to understand the impact of cyber crimes and threats with solutions in a global and societal context.
 - (g) To select suitable ethical principles and commit to professional responsibilities and human values and contribute value and wealth for the benefit of the society.

Program Specific Outcomes (PSOs)

5. Upon completion of the degree program, students will be able to:-
 - (a) Understand the cyber security threat landscape.
 - (b) Develop a deeper understanding and familiarity with various types of cyberattacks, cyber crimes, vulnerabilities and remedies thereto.
 - (c) Analyse and evaluate existing legal framework and laws on cyber security.
 - (d) Analyse and evaluate the digital payment system security and remedial measures against digital payment frauds.

- (e) Analyse and evaluate the importance of personal data its privacy and security.
- (f) Analyse and evaluate the security aspects of social media platforms and ethical aspects associated with use of social media.
- (g) Analyse and evaluate the cyber security risks.
- (h) Based on the Risk assessment, plan suitable security controls , audit and compliance.
- (i) Evaluate and communicate the human role in security systems with an emphasis on ethics, social engineering vulnerabilities and training.
- (j) Increase awareness about cyber-attack vectors and safety against cyber-frauds.
- (k) Take measures for self-cyber-protection as well as societal cyber-protection.

Syllabus of Cyber Security Program at Undergraduate Level

6. The proposed syllabus at Undergraduate level academic program is as under: -

Cyber security Program at Undergraduate Level			
Module	Module Name	Module Content	Learning Outcomes
Module-I	Introduction to Cyber security	Defining Cyberspace and Overview of Computer and Web-technology, Architecture of cyberspace, Communication and web technology, Internet, World wide web, Advent of internet, Internet infrastructure for data transfer and governance, Internet society, Regulation of cyberspace, Concept of cyber security, Issues and challenges of cyber security.	After completion of this module, students would be able to understand the concept of Cyber security and issues and challenges associated with it.
Module-II	Cyber crime and Cyber law	Classification of cyber crimes, Common cyber crimes- cyber crime targeting computers and mobiles, cyber crime against women and children, financial frauds, social engineering attacks, malware and ransomware attacks, zero day and zero click attacks, Cybercriminals modus-operandi , Reporting of cyber crimes, Remedial and mitigation measures, Legal perspective of cyber crime, IT Act 2000 and its amendments, Cyber crime and offences, Organisations dealing with Cyber crime and Cyber security in India, Case studies.	Students, at the end of this module, should be able to understand the cyber crimes, their nature, legal remedies and as to how report the crimes through available platforms and procedures.
Practical	1. Checklist for reporting cyber crime at Cyber crime Police Station. 2. Checklist for reporting cyber crime online. 3. Reporting phishing emails. 4. Demonstration of email phishing attack and preventive measures.		

Cyber security Program at Undergraduate Level			
Module	Module Name	Module Content	Learning Outcomes
Module-III	Social Media Overview and Security	Introduction to Social networks. Types of Social media, Social media platforms, Social media monitoring, Hashtag, Viral content, Social media marketing, Social media privacy, Challenges, opportunities and pitfalls in online social network, Security issues related to social media, Flagging and reporting of inappropriate content, Laws regarding posting of inappropriate content, Best practices for the use of Social media, Case studies.	On completion of this module, students should be able to appreciate various privacy and security concerns on online Social media and understand the reporting procedure of inappropriate content, underlying legal aspects and best practices for the use of Social media platforms.
Practical	1. Basic checklist, privacy and security settings for popular Social media platforms. 2. Reporting and redressal mechanism for violations and misuse of Social media platforms.		
Module IV	E-Commerce and Digital Payments	Definition of E-Commerce, Main components of E-Commerce, Elements of E-Commerce security, E-Commerce threats, E-Commerce security best practices, Introduction to digital payments, Components of digital payment and stake holders, Modes of digital payments- Banking Cards, Unified Payment Interface (UPI), e-Wallets, Unstructured Supplementary Service Data (USSD), Aadhar enabled payments, Digital payments related common frauds and preventive measures. RBI guidelines on digital payments and customer protection in unauthorised banking transactions. Relevant provisions of Payment Settlement Act, 2007,	After the completion of this module, students would be able to understand the basic concepts related to E-Commerce and digital payments. They will become familiar with various digital payment modes and related cyber security aspects, RBI guidelines and preventive measures against digital payment frauds.
Practical	1. Configuring security settings in Mobile Wallets and UPIs. 2. Checklist for secure net banking.		

Cyber security Program at Undergraduate Level			
Module	Module Name	Module Content	Learning Outcomes
Module V	Digital Devices Security, Tools and Technologies for Cyber Security	End Point device and Mobile phone security, Password policy, Security patch management, Data backup, Downloading and management of third party software, Device security policy, Cyber Security best practices, Significance of host firewall and Ant-virus, Management of host firewall and Anti-virus, Wi-Fi security, Configuration of basic security policy and permissions.	Students, after completion of this module will be able to understand the basic security aspects related to Computer and Mobiles. They will be able to use basic tools and technologies to protect their devices.
Practical	<ol style="list-style-type: none"> 1. Setting, configuring and managing three password policy in the computer (BIOS, Administrator and Standard User). 2. Setting and configuring two factor authentication in the Mobile phone. 3. Security patch management and updates in Computer and Mobiles. 4. Managing Application permissions in Mobile phone. 5. Installation and configuration of computer Anti-virus. 6. Installation and configuration of Computer Host Firewall. 7. Wi-Fi security management in computer and mobile. 		
References	<ol style="list-style-type: none"> 1. Cyber Crime Impact in the New Millennium, by R. C Mishra , Auther Press. Edition 2010. 2. Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. (First Edition, 2011) 3. Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. (Pearson , 13th November, 2001) 4. Electronic Commerce by Elias M. Awad, Prentice Hall of India Pvt Ltd. 5. Cyber Laws: Intellectual Property & E-Commerce Security by Kumar K, Dominant Publishers. 6. Network Security Bible, Eric Cole, Ronald Krutz, James W. Conley, 2nd Edition, Wiley India Pvt. Ltd. 7. Fundamentals of Network Security by E. Maiwald, McGraw Hill. 		

Syllabus of Cyber Security Program at Post Graduate Level

7. The syllabus for Cyber Security Program at Post Graduate Level is as under: -

Cyber Security Program at Post Graduate Level			
Module	Module Name	Module Contents	Learning Outcome
Module-I	Overview of Cyber security	Cyber security increasing threat landscape, Cyber security terminologies- Cyberspace, attack, attack vector, attack surface, threat, risk, vulnerability, exploit, exploitation, hacker, Non-state actors, Cyber terrorism, Protection of end user, machine, Critical IT and National Critical Infrastructure, Cyberwarfare, Case Studies.	Students after completing this module will be able to understand the basic terminologies related to cyber security and current cyber security threat landscape. They will also develop understanding about the Cyberwarfare and necessity to strengthen the cyber security of end user machine, critical IT and national critical infrastructure.
Module-II	Cyber crimes	Cyber crimes targeting Computer systems and Mobiles- data diddling attacks, spyware, logic bombs, DoS, DDoS, APTs, virus, Trojans, ransomware, data breach, Online scams and frauds- email scams, Phishing, Vishing, Smishing, Online job fraud, Online sextortion, Debit/ credit card fraud, Online payment fraud, Cyberbullying, website defacement, Cyber-squatting, Pharming, Cyber espionage, Cryptojacking, Darknet- illegal trades, drug trafficking, human trafficking, Social Media Scams & Frauds- impersonation, identity theft, job scams, misinformation, fake news cyber crime against persons - cyber grooming, child pornography, cyber stalking, Social Engineering attacks, Cyber Police stations, Crime reporting procedure, Case studies.	After completion of the module, students will have complete understanding of the cyber-attacks that target computers, mobiles and persons. They will also develop understanding about the type and nature of cyber crimes and as to how report these crimes through the prescribed legal and Government channels.

Cyber Security Program at Post Graduate Level			
Module	Module Name	Module Contents	Learning Outcome
Practical	1. Platforms for reporting cyber crimes. 2. Checklist for reporting cyber crimes online.		
Module-III	Cyber Law	Cyber crime and legal landscape around the world, IT Act, 2000 and its amendments. Limitations of IT Act, 2000. Cyber crime and punishments, Cyber Laws and Legal and ethical aspects related to new technologies- AI/ML, IoT, Blockchain, Darknet and Social media, Cyber Laws of other countries, Case Studies.	Students after completing this module will be able to understand the legal framework that exist in India for cyber crimes and penalties and punishments for such crimes, It will also expose students to limitations of existing IT Act, 2000 legal framework that is followed in other countries and legal and ethical aspects related to new technologies.
Module IV	Data Privacy and Data Security	Defining data, meta-data, big data, non-personal data. Data protection, Data privacy and data security, Personal Data Protection Bill and its compliance, Data protection principles, Big data security issues and challenges, Data protection regulations of other countries- General Data Protection Regulations (GDPR), 2016 Personal Information Protection and Electronic Documents Act (PIPEDA), Social media- data privacy and security issues.	After completing this module, students will understand the aspects related to personal data privacy and security. They will also get insight into the Data Protection Bill, 2019 and data privacy and security issues related to Social media platforms.
Practical	1. Setting privacy settings on social media platforms. 2. Do's and Don'ts for posting content on Social media platforms. 3. Registering complaints on a Social media platform.		

Cyber Security Program at Post Graduate Level			
Module	Module Name	Module Contents	Learning Outcome
Module V	Cyber security Management, Compliance and Governance	Cyber security Plan- cyber security policy, cyber crises management plan., Business continuity, Risk assessment, Types of security controls and their goals, Cyber security audit and compliance, National cyber security policy and strategy.	Students after completing this module will understand the main components of cyber security plan. They will also get insights into risk-based assessment, requirement of security controls and need for cyber security audit and compliance.
Practical	<ol style="list-style-type: none"> 1. Prepare password policy for computer and mobile device. 2. List out security controls for computer and implement technical security controls in the personal computer. 3. List out security controls for mobile phone and implement technical security controls in the personal mobile phone. 4. Log into computer system as an administrator and check the security policies in the system. 		
References	<ol style="list-style-type: none"> 1. Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. 2. Information Warfare and Security by Dorothy F. Denning, Addison Wesley. 3. Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. 4. Data Privacy Principles and Practice by Natraj Venkataramanan and Ashwin Shriram, CRC Press. 5. Information Security Governance, Guidance for Information Security Managers by W. KragBrothy, 1st Edition, Wiley Publication. 6. Auditing IT Infrastructures for Compliance By Martin Weiss, Michael G. Solomon, 2nd Edition, Jones Bartlett Learning. 		

Practical Work

8. The practical list has been suggested for the applicable modules; however, the faculty may expand the list as per the syllabus content duly taking into consideration the emerging nature of cyber threats and incumbent protective measures to guard against such threats.

TEACHING SCHEME

Cyber security Program at Undergraduate Level and Postgraduate Level

Sl. No	Course Title	Teaching Scheme at UG and PG Level		
		L/T	P	C
1	Cyber Security	3	1	4

Legend:

L: Lectures T: Tutorials P: Practical/Projects C: Credits

Notes:

1 Credit: 1 Hour for Lecture/Tutorial

1 Credit: 2 Hour for Practical/Projects

Terms of Reference for Credit Scheme (3+1)

- There are total of 90-96 working days (15 -16 Weeks) in a semester.
- 1 Credit = 15 Hours, therefore 3 Credits = 45 hours ($3 \times 15 = 45$)
- In a week, (3 lectures of theory, each period of one hour duration every week-45 hours in a semester) and 1 practical session of two hours (30 hours in a semester)

Notes:

1 C: 1 Hour for Lecture/Tutorial

C: 2 Hour for Practical/Projects

Terms of Reference for Credit Scheme (3+1)

- There are total of 90-96 working days (15 -16 Weeks) in a semester.
- 1 Credit = 15 Hours, therefore 3 Credits = 45 hours ($3 \times 15 = 45$)
- In a week, 3 lectures of theory, each period of one hour duration every week, (45 hours in a semester) and 1 practical session of two hours. (30 hours in a semester)

NOTE : As far as transaction of these courses at UG and PG level in HEIs is concerned, HEIs may invite Cyber Security/Computer/IT qualified faculty or else Experts from Industry/Subject Matter Experts to take the lectures, practicals and tutorials. The proposed syllabus gives broad guidelines and teachers who would teach the subject will have enough flexibility to strike the balance between time vis-a-vis depth of coverage.

Annexure - 5

-15 DRC

Department of English
Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan

Minutes of the Meeting of the Departmental Research Committee (DRC) held on 31.08.2022 at 1400 Hrs in the Conference Hall, Vice Chancellors Secretariat, Administrative Block, University Campus, Khanpur Kalan

Members of the DRC Present:

1. Prof. Amrita, Dean, Faculty of Arts and Languages, BPSMV
2. Prof. Ipshita Chanda, The English & Foreign Languages University, Hyderabad, Telangana
3. Prof. Umed Singh, Chaudhary Devi Lal University, Sirsa, Haryana
4. Prof. Ashok Verma, Professor, Dept. of English, BPSMV
5. Dr. Ravi Bhushan, Associate Professor & Chairperson, Dept. of English, BPSMV
6. Dr. Shalini, Assistant Professor, Dept. of English, BPSMV

Outside Expert
Outside Expert

Special Invitees Present:

1. Dr. Geeta Phogat, Assistant Professor, Dept. of English, BPSMV
2. Dr. Ajeet Singh, Assistant Professor, Dept. of English, BPSMV
3. Dr. Pallavi, Assistant Professor (Temporary), Dept. of English, BPSMV
4. Ms. Swati Punia, Assistant Professor (Temporary), Dept. of English, BPSMV

Proceedings:

The Chairperson welcomed the esteemed Members of the DRC and Special Invitees present in the meeting. The Outside Experts were introduced to the faculty members of the department and vice versa. The following agenda items were taken up for discussion.

1. Registration for PhD (English) Programme for the Session 2020-2021

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To consider, discuss and approve the Synopsis submitted by the following PhD candidates who have completed the Coursework leading to their registration for the PhD programme offered by the Department of English. The research topics and the proposed research supervisors are also to be considered for approval by the DRC. The Department's Council (DSC) has discussed and approved the agenda item.

Decision: The DRC after listening to the presentations made by the concerned candidates, followed by detailed discussion, decided the following:

Sr. No	Name & Roll No. of the Candidate	Tentative Research Topic	Research Topic Approved by the DRC / Remarks	Proposed Research Supervisor
1	Ms. Pooja Rani 20031001	Understanding Existentialism in Pandemic Narratives: A Critique of Stephen King's <i>The Stand</i> , Albert Camus' <i>The Plague</i> and Mary Shelley's <i>The Last Man</i>	Understanding Existential Dilemma: A Critique of Stephen King's <i>The Stand</i> , Albert Camus's <i>The Plague</i> and Mary Shelley's <i>The Last Man</i>	Dr. Geeta Phogat
2	Ms. Tamanna 20031002	Voicing the Social Imbalance: A Sociological Study of the Select Works of Elfriede Jelinek	Voicing the Social Imbalance: A Critical Study of the Select Works of Elfriede Jelinek	Dr. Ravi Bhushan
3	Ms. Riya 20031003	Theatre as an Act of Liberation: (Re)-viewing the dramaturgy of Augusto Boal's <i>Theatre of the Oppressed</i>	The candidate in consultation with her research supervisor need to revise the topic and resubmit the synopsis, which shall be approved by the DRC through circulation	Dr. Ajeet Singh
4	Ms. Shikha Sharma 20031004	Forced Migration and Uprootedness: Trauma of Exile in Select Kashmiri Memoirs (<i>From Home to House, Our Moon has Blood Clots</i> and <i>A Long Dream of Home</i>)	Trauma of Exile in Select Kashmiri Memoirs (<i>From Home to House, Our Moon has Blood Clots</i> and <i>A Long Dream of Home</i>)	Dr. Geeta Phogat
5	Ms. Renu Chaudhary 20031005	The Idea of 'Ramrajya': An Intertextual Study of M.K. Gandhi, J.N. Nehru and B.R. Ambedkar	The Idea of 'Ramrajya': A Comparative Study of M.K. Gandhi's <i>Hind Swaraj</i> , J.L. Nehru's <i>Letters From a Father to His Daughter</i> and B.R. Ambedkar's <i>Riddles in Hinduism</i>	Dr. Ravi Bhushan

[Handwritten signatures and initials]

research topics and the proposed research
Departmental Research Committee (DRC)

sors have been approved by the department staff council (DSC) and
held on 31.08.2022 and 01.10.2022.

Sr. No	Name & Roll No. of the Candidate	Tentative Research Topic	Research Topic Approved by the DRC	Proposed Research Supervisor
1	Ms. Pooja Rani 20031001	Understanding Existentialism in Pandemic Narratives: A Critique of Stephen King's <i>The Stand</i> , Albert Camus' <i>The Plague</i> and Mary Shelley's <i>The Last Man</i>	Understanding Existential Dilemma: A Critique of Stephen King's <i>The Stand</i> , Albert Camus's <i>The Plague</i> and Mary Shelley's <i>The Last Man</i>	Dr. Geeta Phogat
2	Ms. Tamanna 20031002	Voicing the Social Imbalance: A Sociological Study of the Select Works of Elfriede Jelinek	Voicing the Social Imbalance: A Critical Study of the Select Works of Elfriede Jelinek	Dr. Ravi Bhushan
3	Ms. Riya 20031003	Theatre as an Act of Liberation: (Re)-viewing the dramaturgy of Augusto Boal's <i>Theatre of the Oppressed</i>	Theatre as an Act of Liberation: (Re)-viewing the dramaturgy of Augusto Boal's <i>Theatre of the Oppressed</i>	Dr. Ajeet Singh
4	Ms. Shikha Sharma 20031004	Forced Migration and Uprootedness: Trauma of Exile in Select Kashmiri Memoirs (<i>From Home to House</i> , <i>Our Moon has Blood Clots</i> and <i>A Long Dream of Home</i>)	Trauma of Exile in Select Kashmiri Memoirs (<i>From Home to House</i> , <i>Our Moon has Blood Clots</i> and <i>A Long Dream of Home</i>)	Dr. Geeta Phogat
5	Ms. Renu Chaurhary 20031005	The Idea of ' <i>Ramrajya</i> ': An Intertextual Study of M.K. Gandhi, J.N. Nehru and B.R. Ambedkar	The Idea of ' <i>Ramrajya</i> ': A Comparative Study of M.K. Gandhi's <i>Hind Swaraj</i> , J.L. Nehru's <i>Letters From a Father to His Daughter</i> and B.R. Ambedkar's <i>Riddles in Hinduism</i>	Dr. Ravi Bhushan

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Ajeet Singh
Geeta Phogat

- 11 - PG BOS 16.11.22

Department of English
Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan

Minutes of the Online Meeting of the Post-Graduate Board of Studies (PG BOS) held on 16.11.2022 at 0130 pm. through Google Meet link
<https://meet.google.com/utd-fyti-knj>

Members of the PG BOS Present.

1. Prof. Ravi Bhushan, Chairperson, Department of English, BPSMV
2. Prof. Arsan Rahman, Formerly Professor and Head, Department of English, Jamia Millia Islamia, New Delhi Outside
Expert
3. Prof. Anurita, Professor & Dean, Faculty of Arts and Languages, FAAL BPSMV
4. Prof. Ashok Verma, Professor, Department of English, BPSMV
5. Dr. Shalini, Associate Professor, Department of English, BPSMV

Special Invited Personnel

1. Dr. Geeta Phogat, Associate Professor, Department of English, BPSMV
2. Dr. Ajeet Singh, Associate Professor, Department of English, BPSMV
3. Ms. Babita, Assistant Professor, Department of English, BPSMV

Proceedings:

The meeting commenced with the welcome note of the Chairperson and a brief introduction of the working members.

1. Registration for PhD (English) Programme for the Session 2020-2021

To consider, discuss and approve the Synopsis submitted by the following PhD candidates who have completed the Pre-PhD Coursework leading to their registration for the PhD (English) programme offered by the Department of English. The list of candidates is as follows:

Department of English
Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan

Minutes of the Online Meeting of the Departmental Research Committee (DRC) held on 15.04.2023 at 1500 Hrs through Google Meet Link: <https://meet.google.com/iei-ucix-njc>

Members of the DRC Present:

1. Prof. Ipshita Chanda, The English & Foreign Languages University, Hyderabad, Telangana
2. Prof. Ashok Verma, Professor, Dept. of English, BPSMV
3. Prof. Ravi Bhushan, Professor & Chairperson, Dept. of English, BPSMV
4. Dr. Shalini, Assistant Professor, Dept. of English, BPSMV

Outside Expert

Special Invitees Present:

1. Dr. Geeta Phogat, Assistant Professor, Dept. of English, BPSMV
2. Dr. Ajeet Chandra, Assistant Professor, Dept. of English, BPSMV

Proceedings:

The Chairperson welcomed the esteemed Members of the DRC and Special Invitees present in the meeting. The following agenda item were taken up for discussion.

Agenda: Discussion and Approval of Research Topics and Research Supervisors for the candidates (M.Phil. exempted category) admitted in PhD (English) Programme for the Session 2021-2022

Decision: Consequent to the presentations made by following candidates (M.Phil. exempted category) admitted in PhD (English) Programme for the Session 2021-2022, the DRC discussed and recommended the following:

Sr. No.	Name of the Candidate	Proposed Research Topic Approved by the DRC	Research Topic Approved by the DRC	Research Supervisor

				Approved by the DRC
1	Ms. Niti	Contours of Marginality and Tribal Identity: A Study of Select Literary Texts from the North East	Contours of Marginality and Tribal Identity: A Study of Select Literary Texts from the North East	Prof. Ashok Verma
2	Ms. Nisha	STRUCTURAL ANALYSIS OF RAJASTHANI FOLKTALES: A STUDY OF VIJAYDAN DETHA'S TIMELESS TALES FROM MARWAR, NEW LIFE SELECTED STORIES AND CHOUBOLI AND OTHER STORIES VOL. I AND VOL. II	STRUCTURAL ANALYSIS OF RAJASTHANI FOLKTALES: A STUDY OF VIJAYDAN DETHA'S TIMELESS TALES FROM MARWAR, NEW LIFE SELECTED STORIES AND CHOUBOLI AND OTHER STORIES VOL. I AND VOL. II	Prof. Ravi Bhushan
3	Ms. Vrinda Vats	Sufi-mystics of Punjab: A Study of Select Works of Bulleh Shah, Waris Shah and Shah Hussein	Sufi-mystics of Punjab: A Study of Select Works of Bulleh Shah, Waris Shah and Shah Hussein	Prof. Ashok Verma

The Meeting concluded with the vote of thanks proposed by the Chairperson, DRC.

Department of English
Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan

Minutes of the Online Meeting of the PGBOS held on 25.04.2023 at 1400 Hrs through Google Meet Link <https://meet.google.com/jdg-hday-dka>

Members of the PGBOS Present:

- | | |
|---|----------------|
| 1. Prof. Deepti Gupta, Panjab University, Chandigarh | Outside Expert |
| 2. Prof. Amrita, Professor & Dean, Faculty of Arts & Languages, BPSMV | Member |
| 3. Prof. Ashok Verma, Professor, Dept. of English, BPSMV | Member |
| 4. Prof. Ravi Bhushan, Professor & Chairperson, Dept. of English, BPSMV | Chairperson |
| 5. Dr. Shalini, Associate Professor, Dept. of English, BPSMV | Member |

Special Invitees Present:

1. Dr. Geeta Phogat, Associate Professor, Dept. of English, BPSMV
2. Ms. Babita, Assistant Professor, Dept. of English, BPSMV
3. Dr. Pallavi, Assistant Professor (T), Dept. of English, BPSMV
4. Dr. Sukirti, Assistant Professor (T), Dept. of English, BPSMV

Proceedings:

The Chairperson welcomed the esteemed Members of the PGBOS and Special Invitees present in the meeting. The following agenda item was taken up for discussion.

Agenda: Discussion and Approval of the Research Topics and Research Supervisors (recommended by the DRG in its meeting held on April 15, 2023) to the candidates (M.Phil. exempted category) admitted in PhD (English) Programme for the Session 2023-2022.

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Decision: The PGBOS approved the research topics and research supervisors for the following candidates and recommended their registration for the PhD (English) programme for the session 2021-22.

Sr. No.	Name of the Candidate	Application No.	Research Topic Approved by the PGBOS	Research Supervisor Approved by the PGBOS
1	Ms. Niti	4993	Contours of Marginality and Tribal Identity: A Study of Select Literary Texts from the North East	Prof. Ashok Verma
2	Ms. Nisha	5826	Structural Analysis of Rajasthani Folktales: a Study of Vijaydan Detha's <i>Timeless Tales from Marwar</i> , <i>New Life Selected Stories and Chouboli and Other Stories</i> Vol. I and Vol. II	Prof. Ravi Bhushan
3	Ms. Vrinda Vats	03	Sufi-mystics of Punjab: A Study of Select Works of Bulleh Shah, Waris Shah and Shah Hussein	Prof. Ashok Verma
4	Ms. Sukirti Mor	604	Relocating Identity in Transgender Narratives: A Study of Select Indian Texts	Dr. Shalini
5	Ms. Anju	5715	Cinematic Adaptations of Shakespearean Tragedies: A Study of <i>Goliyon Ki Raasleela Ram-Leela</i> , <i>Haider</i> , <i>Omkara</i> and <i>Maqbool</i>	Prof. Amrita
6	Ms. Mahima	1472	Expanding Consciousness: A Study of Select Indian Science Fiction	Prof. Amrita

The Meeting concluded with the vote of thanks proposed by the Chairperson, PGBOS.

Prof. Deepti Gupta

Prof. Amrita

Prof. Ashok Verma

Prof. Ravi Bhushan

Dr. Shalini

Department of English

Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan

Minutes of the Meeting of the DRC held on 17.02.2023 at 11.00 a.m.

Members of the DRC Present:

1. Prof. Ravi Bhushan, Chairperson, Department of English, BPSMV
2. Prof. Umed Singh, Head, Department of English, CDLU, Sirsa, Outside Expert
3. Prof. Ashok Verma, Professor, Department of English, BPSMV
4. Dr. Shalini, Associate Professor, Department of English, BPSMV

Special Invitees:

1. Dr. Geeta Phogat, Associate Professor, Department of English, BPSMV
2. Dr. Ajeet Singh, Associate Professor, Department of English, BPSMV
3. Dr. Pallavi, Assistant Professor (T), Department of English, BPSMV

Proceedings:

The Chairperson welcomed the esteemed members of the DRC and Special Invitees present in the meeting. The following agenda items were taken for discussion:

1. Registration in Ph.D. (English) programme of the following students:

To consider, discuss and approve the Synopsis submitted by the following PhD candidates. The tentative research topics and the proposed research supervisors are also to be considered for approval by the DRC. The Department Staff Council (DSC) has discussed and approved the agenda item.

Decision: The DRC after listening to the presentations made by the concerned candidates, followed by detailed discussion, decided the following:

Sr No.	Name of the student	Supervisor	Topic Approved by DRC
	Sukirti Mor	Dr. Shalini	Relocating Identity in Transgender Narratives: A Study of Select Indian Texts
	Anju	Dr. Amrita	Cinematic Adaptations of Shakespearean Tragedies: A Study of Goliyon Ki Raasleela Ram-Leela, Haider, Omkara and Maqbool
3	Mahima	Dr. Amrita	Expanding Consciousness: A Study of Select Indian Science Fiction

2. Admission in Pre-Ph.D.(English) coursework of the following candidates for the academic year 2022-23:

To consider, discuss and approve the admission of the following applicants in Pre-PhD (English) programme offered by the Department of English. The PhD admission committee of the department has verified the relevant documents of these applicants and has recommended their candidature for consideration by the DRC. The department staff council (DSC) has discussed and approved the agenda item.

Decision: The DRC interviewed the following candidates on the research proposals submitted by them and prepared the following order of merit (based on the criteria prescribed the PhD Ordinance BPSMV and seats advertised in Ph.D prospectus 2022-23) for admission into Pre-PhD programme of the Department.

Order of Merit

a. Entrance Test Candidate:

Sr. No	Application No.	Name	Tentative research topic
1.	23219	Anvesh	Retelling of Myths as Counter Discourse in Kavita Kane's Select Novels

b. JRF Candidates:

Sr. No.	Application No.	Name	Tentative research topic
1	22955	Yogita	Study of Existentialism: From the Anthropological, Historical and Anthropogenic perspective in the writings of Amitav Ghosh
2	23324	Manjit Kaur	Role of Myths in Modern Indian Drama
3	23481	Pooja Bhardwaj	Contemporary overview of alternate sexualities in Indian Literature: In the works of Devdutt Pattanaik, R Raj Rao and Abha Dawesar
4	22954	Vaishali Duhan	Recasting the world: A study of Anthropocene and Contemporary Norwegian Performance space
5	23391	Neha	Exploring Urban Realism in Select Indian English 21 st Century Novels
6	23565	Madhu	Social realism in Mulk Raj Anand's novel Untouchable: A Study
7	22961	Anu Dahiya	Transgender forced to be excluded from homes because of gender Dysphoria psychology
8	23195	Preeti Dhillon	Reinterpreting partition through eyes of Women: A comparative study of selected

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			novels of Geetanjali Shree and Chitra Banerjee Divakaruni
9	23297	Sujata Kumari	Homosexuality
10	22921	Preety Sahrma	From self to selflessness: A Study of Selected Texts of Jayadev Goswami and Narsinh Mehta
11	23142	Annu Narwal	Problems and aspirations on modern youth: A study of select novels of Chetan Bhagat

The meeting concluded with the vote of thanks proposed by the Chairperson, DRC.

*Prof. Ipshita Chanda shared her suggestions for the students through E-mail

Prof. Ipshita Chanda

Prof. Umed Singh

Prof. Ashok Verma

Prof. Ravi Bhushan

Dr. Shalini

MINUTES OF THE MEETING OF POST-GRADUATE BOARD OF STUDIES

An Online meeting (Google Meet platform) of the Post Graduate Board of Studies was held on 17th July, 2020 at 12:00 P.M. The following members were present:

Members of the PGBoS:

- | | |
|-----------------------|----------------|
| 1. Dr. Ashok Verma | Chairperson |
| 2. Prof. Dinesh Kumar | Outside Expert |
| 3. Prof. Rana Nayar | Outside Expert |
| 4. Dr. Ravi Bhushan | Member |
| 5. Dr. Geeta Phogat | Member |
| 6. Dr. Ajeet Singh | Member |

Special Invitees:

1. Dr. Shalini
2. Dr. Himanshu Parmar

PROCEEDINGS:

The Chairperson welcomed all the members and outside experts and thanked them for agreeing to participate in the meeting at a very short notice. The following agenda were discussed:

1. Final Registration to the Ph.D. Programme

The cases of the following candidates were considered, following the recommendations of the DRC held on 25th January, 2020, and approved for final registration to PhD Programme:

Sr. No.	Roll No.	Name	Title approved by the DRC	Name of the Supervisor	Title approved by the PGBoS
1	17031002	Ms. Priya	Eco Dystopia as an Alternate Reality: A Study of Select 20 th Century Science Fiction	Prof. Amrita	Eco Dystopia as an Alternate Reality: A Study of Select 20 th Century Science Fiction
2	100-1003	Ms. Garima Malik	'Violent' World and 'Healing' Word: Trauma of Twin Bombings in	Dr. Himanshu Parmar*	Trauma and Psychic Healing: A Study of Twin Bombings in Select

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			Japanese Literature		Japanese Literature
3.	18031004	Ms. Kadambari Gasso	Recalibrating Marginality: A Study of Select Works of Meena Kandasamy and Perumal Murugan	Dr. Ashok Verma	Renegotiating Marginality: A Study of Select Works of Meena Kandasamy and Perumal Murugan
4.	18031008	Ms. Suman Rani	Colonialism, Law and Criminalizing Identity: A New Historicist Study of Select Texts on De-notified Tribes and Thugs	Dr. Ashok Verma	Colonial Laws and Criminalization of Identity: A New Historicist Reading of Select Texts on De-notified Tribes and Thugs

* Subject to the Approval of the University Authorities.

2. Modification/Removal of Typographical Errors in the Topic of Research of Ms Sonia, PhD Scholar

The candidate was registered to the PhD Programme in 2018 and the approved title of her research was "Revisiting the *Mahabharata* in M.T. Vasudevan Nair's *Bhima: Lone Warrior*, Kavita Kane's *Karna's Wife: The Outcaste Queen* and Shivaji Sawant's *Mrityunjaya*".

However, certain typographical errors and omissions in the title were found. Accordingly, the candidate submitted a request, through her research supervisor, for necessary corrections. The correct Research Title is:

"Revisiting the *Mahabharata* in M.T. Vasudevan Nair's *Bhima: Lone Warrior*, Kavita Kane's *Karna's Wife: The Outcast's Queen* and Shivaji Sawant's *Mrityunjaya: The Death Conqueror*".

DECISION: Considered and Approved.

The meeting ended with a Vote of Thanks by the Chair.

DRC'S Decision: After listening to the presentations made by the aforesaid students and discussion thereafter, the DRC approved their admission in Pre-PhD coursework. Since the seats advertised for admission in Pre-PhD coursework are 11, the DRC approved admission of all the aforementioned 05 students.

PGBOS'S Decision: The Board discussed and approved the DRC's decision.

2. Cancellation of PhD Registration (Ms. Monika Sandhu, 20.02.2018) on recommendation of the Research Supervisor

The chair informed the DRC that Dr. Ajeet Singh, research supervisor has recommended cancellation of PhD registration in respect of Ms. Monika Sandhu (registered w.e.f. 20.02.2018) for making nil progress in her research work. The supervisor has also informed that the candidate is unwilling to pursue the PhD programme. The office of the department has also communicated the same to the concerned student but to no avail.

DRC'S Decision: The DRC considered and approved the recommendation made by the concerned research supervisor and the department of English.

PGBOS'S Decision: The Board discussed and approved the DRC's decision.

3. Allocation of Supervisor for Ms. Garima Malik, PhD Student (2019)

The DRC was informed by the chair that the candidate wanted to work with Dr. Himanshu Parmar, but because of nil vacancy with the proposed supervisor (noted by the DRC held on 25.01.2020), the candidate requested to work with Dr Ashok Verma which he agreed to on 09.12.2020. As informed by Dr Himanshu Parmar, Ms. Garima Malik has been consulting him for research guidance since her enrolment in the programme. Moreover, Ms. Rinku Rani, another student working under Dr Himanshu Parmar has communicated to the department of her unwillingness to pursue PhD programme. Therefore, Dr Himanshu Parmar has requested that Ms. Garima Malik be allowed to work under his supervision and he be allocated as her research supervisor. Dr Ashok Verma withdrew his consent to supervise Ms. Garima Malik during the meeting.

DRC'S Decision: The DRC considered and approved the allocation of Dr Himanshu Parmar as the research supervisor for Ms. Garima Malik subject to the condition that Ms. Rinku

DRC'S Decision: The DRC considered and recommended for inclusion in the PhD ordinance of the University.

PGBOS'S Decision: The PGBOS considered and approved the decision of the DRC, with the modification that Co-Supervision shall be allowed in case of interdisciplinary topics in research.

Agenda B

Discussion and approval of the Minutes of the Online Meeting of Department Research Committee (DRC) held on 29.04.2021 at 1.30 Hrs.

1. Admission in Pre-Ph.D. (English) Coursework of the Following Candidates for the Academic Year 2020-2021

Sr. No.	Name	Category	Tentative Research Proposal	Interview Marks out of 100	Research Proposal marks out of 100
1.	Ms. Riya	JRF	Understanding the Aesthetics of the Oppressed	59.60	50
2.	Ms. Pooja Rani	JRF	Resonance of Existentialism in Pandemic Narratives: A Critique of Jack London's <i>The Scarlet Plague</i> , Albert Camus's <i>The Plague</i> and Mary Shelley's <i>The Last Man</i>	43.20	55.40
3.	Ms. Tamanna	JRF	'Voicing the Social Imbalance': A Critical Sociological Study of the Select Works of Elfriede Jelinek	60	58
4.	Ms. Renu Chaudhary	JRF	'Ram to Ramrajya': A Modernist Appraisal of the <i>Ramayana</i>	38	44
5.	Ms. Shikha Sharma	JRF	Search for Lost Home and Identity: A study of Select Kashmiri Memoirs (<i>From Home to House, Our Moon as Blood Clots and A Long Dream of Home</i>)	55	54.60

before the DRC for fresh registration on 28.09.2018. She appeared before the DRC on 15.02.2019 with a fresh topic and research supervisor. The candidate did appear before the DRC with fresh proposal and her case was then sent to PGBOS. However, the Faculty of Arts and Languages made some observations pertaining to procedural inconsistencies. Therefore, the case is still pending. The Chair requested DRC to consider the registration of Ms. Sonja Katuria in PhD programme with effect from the date on which PGBOS originally approved her candidature for PhD registration (13.03.2019).

DRC'S Decision: The DRC considered and recommended ex-post facto approval for registration of Ms. Sonja Katuria in PhD (English) programme with effect from 13.03.2019.

PGBOS'S Decision: The PGBOS considered the recommendations made by the DRC and granted ex-post facto approval for registration of Ms. Sonja Katuria in PhD (English) programme with effect from 13.03.2019.

3. Cancellation of PhD Registration

The Chair informed the DRC that Dr. Himanshu Parmar, Research Supervisor has recommended cancellation of PhD registration in respect of Ms. Shalini (registered w.e.f. 20.01.2017) and Ms. Rinku Rani (registered w.e.f. 20.01.2017) for non-compliance and exhausting the prescribed time limit for completing the research work. The Office of the department has also communicated the same to the concerned students but to no avail.

DRC'S Decision: The DRC considered and approved the recommendation made by the concerned Research supervisor and the department of English.

PGBOS'S Decision: The PGBOS considered and approved the cancellation of PhD registration of Ms. Rinku Rani. In case of Ms. Shalini, the PGBOS'S decision is given in Agenda Item B.

4. Change of Supervisor for Ms. Garima Malik, PhD Student

DRC'S Decision: The agenda item was withdrawn.

PGBOS'S Decision: Given in the agenda B.

5. Co-Supervision for PhD

The Chair requested the DRC to consider and approve the provision to have Intra-University Co-Supervision (on demand of the main Supervisor) in case of PhD degree.

	(2018-2019)	Shailja	Dynamics: A Critique of Select Novels of Ngugi Wa Thiong'o (<i>The River Between, A Grain of Wheat and The Petals of Blood</i>)	Dynamics A Critique of Ngugi Wa Thiong'o's Novels <i>The River Between, A Grain of Wheat and The Petals of Blood</i>	Dynamics: A Critique of Ngugi Wa Thiong'o's Select Novels	Dynamics: A Critique of Ngugi Wa Thiong'o's Novels <i>The River Between, A Grain of Wheat and The Petals of Blood</i>	Phog.
7.	18031009 (2018-2019)	Ms. Tanya	Discourse of Divinity: a Critical Study of the Contribution Made by Select Women Saints in Promoting Indian Intellectual Tradition	Discourse of Divinity and Indian Intellectual Tradition: a Critical Study of Select Women Saints	Discourse of Divinity: A Critical Study of Select Women Saint-Poets	Discourse of Divinity: A Critical Study of Select Women Saint-Poets	Dr. Ravi Bhushan

DRC'S Decision: After listening to the presentations made by the aforesaid students and discussion thereafter, the DRC approved the stated Topics and Research Supervisors.

PGBOS'S Decision: The PGBOS approved the aforementioned Topics (with modifications in the topics at serial number 02 & 06) and Research Supervisors. The Board recommended that strict monitoring of the research scholars be done by seeking progress reports from the research supervisors after every six months. The scholars are to make presentation of their research work before the review committee (consisting of department staff council and one outside expert from the DRC or the PGBOS). The scholars will be allowed to continue with the research work on finding their work satisfactory by the review committee. The probationary conditions put on Ms. Anu Rani, Ms. Poonam and Ms. Shailja by the DRC were removed by the PGBOS, as these conditions will apply to all the registered scholars.

2. Registration of Ms. Sonia Kathuria in PhD (English) Programme

The Chair informed the DRC that Ms. Sonia Kathuria registered herself for PhD programme under the supervision of Dr. Himanshu Parmar, w.e.f. 23.08.2013. She could not complete her research work within the stipulated time because of health and family's concerns. Consequent to consideration of her application for fresh registration, the competent authority allowed her to appear

	(2019-2020)	Arya	Analytical Study of the Select <i>Saangs</i> of Pandit Lakhmi Chand	<i>Saang</i> : An Analytical Study of the Select <i>Saangs</i> of Pandit Lakhmi Chand	Analytical Study of the Select <i>Saangs</i> of Pandit Lakhmi Chand	Analytical Study of the Select <i>Saangs</i> of Pandit Lakhmi Chand	
2.	19031002 (2019-2020)	Ms. Tamanna	Understanding the Anthropocene and a Recourse to Nature: Ecofeminism in the Select Works of Jhumpa Lahiri, Alice Walker, Charlotte Woods, Paolo Bacigalupi and Chen Qiufan	Anthropocene and Recourse to Nature: Ecofeminism in the Select Works of Jhumpa Lahiri, Alice Walker, Charlotte Woods, Paolo Bacigalupi and Chen Qiufan	Anthropocene and Recourse to Nature: Ecofeminism in the Select Works of Jhumpa Lahiri, Alice Walker, Charlotte Woods, Paolo Bacigalupi and Chen Qiufan	Ecofeminism in the Select Works of Jhumpa Lahiri, Alice Walker, Charlotte Woods, Paolo Bacigalupi and Chen Qiufan	Dr. Shalini
3.	18031001 (2018-2019)	Ms. Anu Rani	Interpretation of Symbols in Mythological Writings: A Study of <i>Seven Secret Series</i> of Devdutt Pattanaik	No Change	Understanding Archetypal Symbols: A Study of <i>Seven Secret Series</i> of Devdutt Pattanaik	Understanding Archetypal Symbols: A Study of <i>Seven Secret Series</i> of Devdutt Pattanaik	Dr. Geeta Phogat
4.	18031002 (2018-2019)	Ms. Dimple Pannu	Perspectivizing the North-East: A Study of Select Indigenous Literary Voices	No Change	Revisiting the North East through Indigenous Literary Voices: A Select Study	Revisiting the North East through Indigenous Literary Voices: A Select Study	Dr. Ashok Verma
5.	18031006 (2018-2019)	Ms. Poonam	Memory Construction, Co-existence and Migrant Narratives: A Study of Khaled Hosseini's Works	No Change	Migrant Narratives: A Study of Khaled Hosseini's Works	Migrant Narratives: A Study of Khaled Hosseini's Works	Dr. Shalini
6.	18031007	Ms.	Socio-Political	Socio-Political	Socio-Political	Socio-Political	Dr. Geeta

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Department of English
Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan

(P) 1

Minutes of the Online Meeting of the Post-Graduate Board of Studies (PGBOS) held on 09.06.2021 at 0300 p.m.

Members of the PGBOS Present:

1. Prof. Amrita, Professor & Dean, Faculty of Arts and Languages (FAL), BPSMV
2. Prof. Rana Nayar, Punjab University, Chandigarh, Outside Expert
3. Prof. Dinesh Kumar, Kurukshetra University, Kurukshetra, Outside Expert
4. Prof. Ashok Verna, Professor, Department of English, BPSMV
5. Dr. Ravi Bhushan, Chairperson, Department of English, BPSMV
6. Dr. Geeta Phogat, Assistant Professor, Department of English, BPSMV

Special Invitees Present:

1. Dr. Himanshu Parmar, Assistant Professor
2. Dr. Shalini, Assistant Professor

Proceedings:

The Chairperson welcomed the esteemed Members of the PGBOS and Special Invitees present in the meeting. The following agenda items were taken for discussion.

A. Discussion and Approval of the Minutes of the Meeting of DRC held on 20.04.2021

1. Registration in Ph.D. (English) Programme of the Following Students

Sr. No.	Roll No.	Name	Proposed Topic	Topic Suggested by Department Staff Council (DSC)	Topic Approved by Department Research Committee (DRC)	Topic Approved by the PGBOS	Proposed Supervisor/ Co-Supervisor
1.	19031001	Ms. Chetna	'Haryanvi Poetics': An	Understanding Poetics of Haryanvi	Understanding Poetics of Haryanvi Saang: An	Understanding Poetics of Haryanvi Saang: An	Dr. Ravi Bhushan

Department of English
Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan

Minutes of the Meeting of the Departmental Research Committee (DRC) held on 31.08.2022 at 1400 Hrs in the Conference Hall, Vice Chancellors Secretariat, Administrative Block, University Campus, Khanpur Kalan

Members of the DRC Present:

1. Prof. Amrita, Dean, Faculty of Arts and Languages, BPSMV
2. Prof. Ipshita Chanda, The English & Foreign Languages University, Hyderabad, Telangana Outside Expert
3. Prof. Umed Singh, Chaudhary Devi Lal University, Sirsa, Haryana Outside Expert
4. Prof. Ashok Verma, Professor, Dept. of English, BPSMV
5. Dr. Ravi Bhushan, Associate Professor & Chairperson, Dept. of English, BPSMV
6. Dr. Shalini, Assistant Professor, Dept. of English, BPSMV

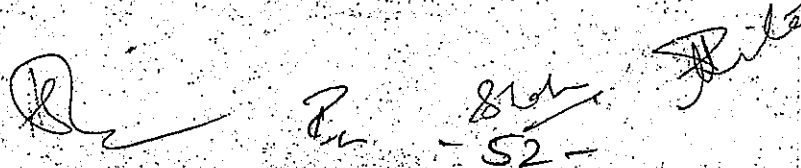
Special Invitees Present:

1. Dr. Geeta Phogat, Assistant Professor, Dept. of English, BPSMV
2. Dr. Ajeet Singh, Assistant Professor, Dept. of English, BPSMV
3. Dr. Pallavi, Assistant Professor (Temporary), Dept. of English, BPSMV
4. Ms. Swati Punia, Assistant Professor (Temporary), Dept. of English, BPSMV

Proceedings:

The Chairperson welcomed the esteemed Members of the DRC and Special Invitees present in the meeting. The Outside Experts were introduced to the faculty members of the department and vice versa. The following agenda items were taken up for discussion.

1. Registration for PhD (English) Programme for the Session 2020-2021


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2	Sukhl Mot	Matrices of Identity in select Transgender Texts	Dr. Geeta Phogat
3	Niti	Matrices of Social Forces Acting on Marginals in Select Cinematic Representations	Prof. Ashok Verma
4	Anju	Cinematic Adaptations of Shakespearean Tragedies: <i>Goliyon Ki Raasleela Ram-Leela, Haider, Omkara and Maqbool</i>	Prof. Amrita
5	Nisha	Structural Analysis of Rajasthani Folktales : A Study of Vijaydan Detha's Timeless Tales from Marwar and Chouboli and Other Stories Vol. I and Vol. II	Dr. Ravi Bhushan
6	Mahima	Expanding Consciousness: A Study of Select Indian Science Fiction	Prof. Amrita
7	Vrinda	Understanding the Tiritiya Prakriti: A Study On the Aspects of Transgender and Gender Fluidity In Selected Contemporary Works.	Prof. Ashok Verma

Decision: The PGBOS acknowledged the admissions made and offered the following recommendation:

The candidates admitted under M.Phil Category be asked to expedite the development of the Synopsis of their proposed tentative research topic in consultation with the proposed Supervisor. The final synopsis recommended by the Supervisor will be discussed and approved by the DSC & DRC before placing it before the PGBOS for final approval. The house was of the opinion that the next meeting of the PGBOS be convened in a month's time to discuss the Synopses of aforesaid students admitted under M.Phil category.

3. Allocation of Research Supervisor to Ms. Garima Malik, PhD Student

Ms. Garima Malik is the PhD student of the department enrolled in 2019. Her research topic '**Trauma and Psychic Healing: A Study of Twin Bombings in Select Japanese Literature**' and Dr. Himanshu Parmar as the research supervisor (subject to the notification of vacancy under him) were approved by the PGBOS in its meeting held on 17.04.2020. Since, Dr. Himanshu Parmar is on lien (he has joined Himachal Pradesh University, Shimla), Ms. Garima Malik has applied for fresh allocation of research supervisor to her. Prof. Ashok Verma has consented to supervise her research work. Hence the DRC is requested to consider and

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Swati

Approved

Amit Singh

Shr. Babu Pr

2/6

approve allocation of Prof. Ashok Verma as the research supervisor for Ms. Garima Malik. The agenda has been discussed and approved by the DSC and DRC in meetings held on 18.08.2022 and 31.08.2022 respectively.

Decision: The PGBOS approved the agenda item.

4. Approval of the Research topic & Supervisor for M.Phil Students

The Research Advisory Committee (RAC) of the department has approved the research topics and supervisors for the following M.Phil students. The agenda item has been approved by the DRC in its meeting held on 31.08.2022 with effect from the date of approval granted by the RAC (25.10.2021).

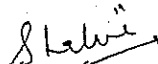
Sr. No	Name	Roll No.	Proposed Topic approved by the RAC	Proposed Research Supervisor
1	Vandana Dangi	20032201	Emergence of Third Theatre in Contemporary Indian Performance Space: A Study of Badal Sircar's Theatrical Productions	Dr. Ajeet Singh
2	Anju Bala	20032202	Sahanubhoot to Swanubhoot: Dalit Plight in Mulk Raj Anand's <i>Untouchable</i> and Om Parkash Valmiki's <i>Jhuthan</i>	Prof. Ashok Verma

Decision: The PGBOS acknowledged and approved the agenda item.

The meeting concluded with the vote of thanks proposed by the Chair.

Signed By.

Prof. Anisur Rahman


Dr. Shalini

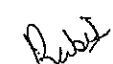
Prof. Deepti Gupta


Dr. Geeta Phogat

Prof. Amrita


Dr. Ajeet Singh

Prof. Ashok Verma


Ms. Babita

Prof. Rav. Bhushan

Approved with remarks:
(a) The synopsis be well-formed and only a camera ready copy be presented before PGBOS.
(b) Agenda Item 2 is erroneous. I believe worthy HoD shall improve upon it within a month.
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BPS Mahila Vishwavidyalaya, Khairathpur (Sonepat)
Department of Management Studies

2. As per the BPSMV Ph.D. (Management) ordinance "The candidates who have qualified JRF (valid) conducted by the UGC/CSIR/DBT/CBSE and ASRB etc. are exempted from Entrance Test and their admissions will be made on the available vacant seats as over and above the seats available in the concerned department subject to the consent of the supervisor, scholars ratio) in the Department/institute of the University. Accordingly, following 02 JRF candidates were recommended for admission in Pre Ph.D. course work (management) and allocated supervisors:

Sr. No.	Name	admission-cum-document verification committee score	Proposed supervisor name	Category
1.	Ms. Monika	63.43	Prof. Shweta Singh	EWS
2.	Ms. Niku	61.44	Prof. Ipshita Bansal	Gen.

3. The DRC discussed and approved the final synopsis of following students for registration in Ph.D. for the session 2021-22:-

Name	Roll No.	Supervisor name	Title
Ms. Babli	210210 01	Prof. Sanket Vij	Redefining Indian Higher Education: An Insight of Education Sector towards Evolution of Industry 5.0
Ms. Bhawana Sharma	210210 02	Dr. Krishan Kumar	Pragmatic Insights of Psychic and Social Influence of Over the TOP (OTT) Platforms on Indian Viewers
Ms. Neeru	210210 03	Dr. Meenakshi Katyal	The decoy effect on consumers preferences and decision-making choices: A study of FMCG sector
Ms Nishu Chauhan	210210 04	Prof. Shweta Singh	Moderating Role of Academic Leadership in Organisational Politics and Quality of Work Life in Higher Education

4. DRC approved the panel of examiners (for thesis evaluation) submitted by Prof. Sanket Vij in reference to Ms. Sudesh Sheoran (Ph.D. scholar).

(Dr. Anil Mittal)
Outside expert

(Prof. Karam Pal)
Outside expert

(Dr. Kapil Kumar)
Special invitee member

(Dr. Anshu Bhardwaj)
Member

(Prof. Sanket Vij)
Member

(Prof. Ipshita Bansal)
Dean & member

(Dr. Krishan Kumar)
Chairperson

MINUTES OF MEETING

Minutes of meeting of the PGBOS (Post Graduate Board of Studies) held on 21-04-2023 at 11:00 am in the office of Chairperson, Department of Management Studies.

The following were present in the meeting:-

- | | |
|-------------------------|------------------------|
| 1. Prof. Ipshita Bansal | Dean & member |
| 2. Prof. Shweta Singh | Special Invitee |
| 3. Prof. Sanket Vij | Member |
| 4. Prof. Ramesh Chander | Outside expert |
| 5. Dr. Krishan Kumar | Chairperson & Convener |
| 6. Dr. Meekashi Katyal | Member |
| 7. Dr. Kapil Kumar | Member |

Note: Prof. Mohammed Altaf Khan, outside expert joined the meeting through online mode.

The following agendas were discussed and resolved:-

1. The PGBOS approved the final synopsis of four students (session 2021-22) for registration in Ph.D. programme who have completed their Pre Ph.D. course work. The detail of the same is as below:-

Name	Roll No.	Supervisor name	Approved title
Ms. Babli	21021001	Prof. Sanket Vij	Higher Education Preparedness with Reference to Industry 5.0: The Indian Experience
Ms. Bhawana Sharma	21021002	Dr. Krishan Kumar	Psychographic Influence of OTT Platforms: An Insight into Indian Viewers Disposition
Ms. Neeru	21021003	Dr. Meenakshi Katyal	Consumers' Preferences and Decision-Making Choices: A study of Decoy Effect in FMCG Sector
Ms. Nishu Chauhan	21021004	Prof. Shweta Singh	Academic Leadership, Organisational Politics and Quality of Work Life in Higher Education: An Empirical Analysis

2. The PGBOS approved the panel of examiners for evaluation of thesis of research scholars of the Department of Management Studies. The details of the same are as below:-

- i. Ms. Sudesh Sheoran under supervision of Prof. Sanket Vij
- ii. Ms. Mona under supervision of Dr. Meenakshi Katyal
- iii. Ms. Vandana under supervision of Dr. Kapil Kumar.

The meeting was ended with vote of thanks

(Dr. Kapil Kumar)
Member

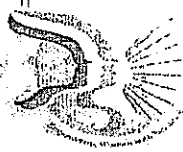
(Dr. Meekashi Katyal)
Member

(Prof. Ramesh Chander)
Outside expert

(Prof. Sanket Vij)
Member

(Prof. Shweta Singh)
Special Invitee

(Prof. Ipshita Bansal)
Dean & member



BPS A

vavidyalaya, Khanpur Kalan (Sonapat)
ment of Management Studies

MINUTES OF THE MEETING OF DEPARTMENTAL RESEARCH COMMITTEE (DRC) HELD
ON 28/01/2023 AT 10:00 AM IN THE OFFICE OF CHAIRPERSON, DEPARTMENT OF
MANAGEMENT STUDIES.

The following were present in the meeting:-

1. Dr. Anil Mittal
 2. Prof. Karam Pal (attended online)
 3. Prof. Ipshita Bansal
Dean, FCM
 4. Prof. Sanket Vij
 5. Dr. Krishan Kumar
 6. Dr. Anshu Bhardwaj
 7. Dr. Kapil Kumar
- Outside expert
Outside expert
Member
Member
Chairperson
Special Invitee Member
Member

The following decisions were taken in the meeting:-

1. The DRC evaluated draft research proposals of 09 eligible applicants (07 candidates who qualified the entrance test and 02 JRF candidates). The abilities of applicants related to draft research proposals and other parameters were evaluated individually. The DRC recommended following candidates for admission in Pre Ph.D. course work for the session 2022-23 and also allocated research supervisors to the selected candidates:

Sr. No.	Name	Roll No.	admission-cum-document verification committee score	Proposed supervisor name	Categ ory
1.	Ms. Jhanvi Khurana	220208	78.09	Dr. Sanket Vij	Gen.
2.	Ms. Sweety	220220	74.06	Dr. Anshu Bhardwaj	Gen.
3.	Ms. Meenakshi Yadav	220217	72.97	Dr. Shweta Singh	BC-B
4.	Ms. Uma Devi	220211	72.91	Dr. Krishan Kumar	Gen.
5.	Ms. Sakshi	220205	72.81	Dr. Krishan Kumar	Gen.
6.	Ms. Savita	220204	72.47	Dr. Anshu Bhardwaj	Gen.
7.	Ms. Veenu	220206	70.58	Dr. Sanket Vij	Gen.

Note: - DRC increased the vacant seats (Pre Ph.D. programme) from 06 to 07 as per the availability of the supervisors. One BC-B candidate selected and due to non-availability of candidates in SC-A, SC-B and BC-A category, DRC approved the conversion of vacant reserved seats into general category seats.

All above recommendations of candidates for admission in Pre Ph.D. Course work are provisional subject to the verification of documents by academic and registration branch.

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Department of Law
B.P.S. Mahila Vishwavidyalaya Khanpur Kalan

Minutes of Departmental Research Committee (DRC)

The minutes of the DRC - Deptt. of Law meeting held on 23.1.2023 at 11.55 a.m. via blended mode.

Following were present :-

1. Prof. Vijay Nehra * Dean & Chairman
2. Prof. (Dr.) Supinder Kaur Subject Expert
3. Prof. (Dr.) Sushila Chohan Subject Expert
4. Dr. Seema Dahiya In-Charge DOL & Member
5. Dr. Alka Bharati Member

The DRC considered the following agendas and recommendations are mentioned below:-

Agenda 1:- Cancellation of Registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal.

Resolution :- Agenda no.1 is approved unanimously by members of DRC.

Agenda 2 :Regarding the increase of number of seats of Ph.D.2022-23

Existing Seats advertised- 05

Proposed Increase-03 on request of faculty members

Resolution :With reference to Agenda no. 2 prior approval was accorded by two outside experts and other members have also consented to the same.

Agenda 3 :To approve the registration of Bre. Ph.D. Course work students in Ph.D. (Law) Programme.

Resolution: The DRC considered and approved the research proposal of the following students who have successfully completed pre Ph.D. course Work (Law) and also allocated supervisors. The details is mentioned below:

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws In India: A Critical Study	Dr. Seema Dahiya , Dr. Archana Malik (Co-supervisor)

2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India - A Socio Legal Study	Dr. Anu Eshwari
3.	Vijeta Kumari	Law of Admission And Confession In India, USA and UK: A Comparative Study	Dr. Aika Eshwari
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence In Cyber Crimes: Mapping Indian Admissibility Regime And challenges	Dr. Parnod Malik
6.	Anju Bala	A Critical Study of Sedition Law vis-à-vis Freedom of Speech In the current Indian Scenario	Dr. Seema Dahiya, Dr. Archana Malik (Co-supervisor)

Agenda 4 Enrollment of Pre-Ph.D. students

Admission of candidates in Pre Ph.D. (Law) Programme.

Resolution : With reference to the Ph.D. Ordinance of the University, the DRC approved the following criteria for assessing the abilities of the candidate's through interview:

15 Marks of Interview (Total A+B+C+D)			
Domain Knowledge 2.5 Marks A	Research Abilities 2.5 Marks B	Communication Skills 2.5 Marks C	Ability to answer Questions 2.5 Marks D

Further, it was decided that all the members of the DRC shall assess the performance of the candidates individually, using separate assessment sheet (15 Marks) and the duly signed sheets shall be submitted to the admission committee through Incharge Deptt. of Laws for preparation of merit list as per Ph.D. Ordinance of the University.

List of 15 students was supplied by the Incharge- Deptt. of Laws, the DRC interviewed 15 candidates in total.

The list of (15) candidates interviewed is given below :-

Sr. No.	Candidate Name
1	Akansha
2	Jyoti
3	Manu

4	Parul
5	Vertika
6	Anchal
7	Anjani
8	Preeti Dalal
9	Varishti
10	Kajal
11	Anjali
12	Nancy (JRF)
13	Sushila (JRF)
14	Vanika (JRF)
15	Rashmi (JRF)

Merit list of students prepared by DRC for admission to Pre-Ph.D. course Work

Sr. No.	Merit list of JRF students	Name of Supervisor & Co Supervisor
1	Nancy (JRF)	Dr. Sandhya Rohal
2	Rashmi (JRF)	Dr. Seema Dahiya
3	Vanika (JRF)	Dr. Anil Balhera
4	Sushila (JRF)	Dr. Rajesh Hooda & Dr. Anu Bala

Sr. No.	Merit list of students qualified entrance test	Name of Supervisor & Co-Supervisor
1	Parul (AIO)	Dr. Pawan Kumar
2	Manu (HOGC)	Dr. Rajesh Hooda & Dr. Anu Bala
3	Akansha (HOGC)	Dr. Kritika
4	Anjani (BC-A)	Dr. Anand Kumar

Agenda No. 5: To appoint Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita.

Resolution :- With reference to the given agenda DRC members accorded consent unanimously in consonance with DSC resolution dated 24.11.2022 and Dr. Deepali Mathur is appointed Co-supervisor of Ms Kavita (Registration No.

2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5.3 of the Ph.D. Ordinance.

Prof. (Dr.) Supinder Kaur

(Prof. Enclosed)

Dr. Sushila Chohan

Dr. Seema Dahiya

Prof. (Dr.) Vijay Narain

Dr. Alka Bharti

4-

B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat)
Department of Laws

Proceedings and minutes of PGBOS meeting hold on dated 25-03-2023 at 11.00 a.m
The following were present:-

- | | | |
|----------------------------|---|------------------------|
| 1. Prof. Vijay Nehra | - | Dean & Chairman |
| 2. Prof. (Dr.) Naresh Vats | - | Outside Subject Expert |
| 3. Dr. Jaswant Saini | - | Outside Subject Expert |
| 4. Dr. Seema Dahiya | - | Incharge & Member |
| 5. Dr. Rajesh Hooda | - | Member |

The P.G. BOS considered the following agendas are mentioned below:-

1. The Cancellation of Ph.D. registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal was approved with reference to DRC Meeting held on 23.1.2023.
2. The list of examiners for evaluation of Ph.D. thesis by the PGBOS. PGBOS considered and approved the list of examiners for evaluation of thesis likely to be submitted in supervision of Dr. Rajesh Hooda, Dr. Alka Bharti, Dr. Kritika, Dr. Sandhya Rohal and Dr. Anand Kumar.
3. With reference to Agenda No. 2 approved by the DRC Meeting Regarding the increase in number of seats of PH.D for session of 2022-23 Existing seats advertised -05 , Proposed increase-03 is approved. Further as approved by DRC held on 23/1/23 the enrolment and allotment of supervisor is considered and approved.
4. With reference to Agenda No. 5 to appoint Dr. Deepali Mathur , Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita (Registration No. 2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5.3 of the Ph.D. Ordinance.
5. P.G. BOS considered the recommendation of DRC regarding registration of topics and allotment of supervisors to the 06 Ph.D. students of session 2022-23 as under:- *

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws In India: A Critical Study	Dr. Seema Dahiya , Dr Archana Malik (Co-supervisor)
2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India – A Socio Legal Study	Dr. Anil Balhera
3.	Vijeta Kumari	Law of Admission and Confession in India, USA and UK: A	Dr. Alka Bharti

		Comparative Study	
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio-Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime And challenges	Dr. Parmod Malik
6.	Anju Bala	Sedition Law vis-à-vis Freedom of Speech and Expression in the current Indian Scenario: A Critical Study	Dr. Seema Dahiya , Dr. Archana Malik (Co-supervisor)

Meeting ended with thanks by the chair.

Prof. (Dr) Naresh Vats

Dr. Jaswant Saini

Prof. (Dr.) Vijay Nehra

Dr. Rajesh Hooda

Dr. Seema Dahiya

B.P.S. Mahila Vishwavidyalaya Khanpur Kalan (Sonapat)
Faculty of Law

MINUTES OF THE MEETING

The Meeting of Faculty of Law, held in the office of the Dean Faculty of Law on 12-04-2023 at 12.00 noon. The following were present -

- | | |
|---|-----------|
| 1. Prof. (Dr.) Vijay Nehra, Dean, faculty of Law | Dean |
| 2. Dr. Seema Dahiya, Incharge, Law | Member |
| 3. Dr. Kritika Asstt. Prof. BPSMV | Member |
| 4. Mr. Rajesh Narwal, A.R., Incharge Academic, Registrar's nominee. | Secretary |

The Board :-

1. Considered and approved the topics of research for registration of candidates with the name of supervisors and approved by DRC and PGBOS meeting dated on 23/1/23 and 25/3/23 respectively.

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws in India: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)
2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India - A Socio Legal Study	Dr. Anil Balhera
3.	Vijeta Kumari	Law of Admission and Confession in India, USA and UK: A Comparative Study	Dr. Alka Bharti
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime And Challenges	Dr. Parmod Malik
6.	Anju Bala	Sedition Law vis-a-vis Freedom of Speech and Expression in the Current Indian Scenario: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)

2. Considered and approved Cancellation of Ph.D. registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal was approved with reference to DRC and PGBOS Meeting held on 23/1/23 and 25/3/23 respectively.

3. With reference to approval by PGBOS Meeting held on 25/3/23 Regarding the increase in number of seats of Ph.D for session of 2022-23, Existing seats advertised -05, Proposed increase-03 is considered and approved. Further as approved by DRC and PGBOS held on 23/1/23 and 25/3/23 respectively the enrolment and allotment of supervisor is considered and approved.

4. With reference to approval by DRC and PGBOS, held on 23/1/23 and 25/3/23 respectively regarding appointment of Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita (Registration No. 2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5.3 of the Ph.D. Ordinance is considered and approved.

Meeting ended with a vote of thanks to the chair

Vijay Narra
(Dr. Vijay Narra)

Seema
(Dr. Seema Dahiya)

Kritika
(Dr. Kritika)

44
(Mr. Rajesh Narwar)
nominee of Registrar

A copy of the above is forwarded to the following :

- 1) AR (Academics) *for information*
- 2) All members concerned *for information*
- 3) Office record File for Information & record

Agenda Item:- 1. To consider & approve the Topic and Research Supervisor for Ph.D. Registration for the session 2021-22.

06 students were admitted in Pre-Ph.D. course work in the session 2021-22. After successful completion of their course work, the topics of research and supervisors are for the approval by the Academic Council.

Consider

Registration

Admitted in the

Pre-Ph.D. course

work and

supervisors are

for the approval

by the Academic

Council.

For the approval

of the Academic

Council.

For the approval

of the Academic

Council.

ANNEXURE - 6

Department of Laws
B.P.S. Mahila Vishwavidyalya Khanpur Kalan

Minutes of Departmental Research Committee (DRC)

The minutes of the DRC - Deptt. of Laws meeting held on 23.1.2023 at 11.35 a.m. via blended mode.

Following were present :-

- | | | |
|----|----------------------------|------------------------|
| 1. | Prof. Vijay Nehra | Dean & Chairman |
| 2. | Prof. (Dr.) Supinder Kaur | Subject Expert |
| 3. | Prof. (Dr.) Sushila Chohan | Subject Expert |
| 4. | Dr. Seema Dahiya | In-Charge DOL & Member |
| 5. | Dr. Alka Bharati | Member |

The DRC considered the following agendas and recommendations are mentioned below:-

Agenda 1:- Cancellation of Registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal.

Resolution :- Agenda no.1 is approved unanimously by members of DRC.

Agenda 2 :Regarding the increase of number of seats of Ph.D.2022-23

Existing Seats advertised- 05

Proposed Increase-03 on request of faculty members

Resolution :With reference to Agenda no. 2 prior was approval was accorded by two outside experts and other members have also consented to the same

*

Agenda 3 :To approve the registration of Pre. Ph.D. Course work students in Ph.D. (Law) Programme.

Resolution: The DRC considered and approved the research proposal of the following students who have successfully completed pre Ph.D. course Work (Law) and also allocated supervisors. The details is mentioned below:

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws In India: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor.

2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India – A Socio Legal Study	Dr. Anil Bhalera
3.	Vijeta Kumari	Law of Admission And Confession In India; USA and UK: A Comparative Study	Dr. Alka Bhatti
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence In Cyber Crimes: Mapping Indian Admissibility Regime And challenges	Dr. Parmod Malik
6.	Anju Bala	A Critical Study of Sedition Law vis-à-vis Freedom of Speech In the current Indian Scenario	Dr. Seema Dahiya , Dr. Archana Malik (Co-supervisor)

* Agenda 4 Enrollment of Pre-Ph.D. students

Admission of candidates in Pre Ph.D. (Law) Programme.

Resolution : With reference to the Ph.D. Ordinance of the University, the DRC approved the following criteria for assessing the abilities of the candidate's through interview:

15 Marks of Interview (Total A+B+C+D)			
Domain Knowledge 2.5 Marks A	Research Abilities 2.5 Marks B	Communication Skills 2.5 Marks C	Ability to answer Queries 2.5 Marks D

Further, It was decided that all the members of the DRC shall assess the performance of the candidates individually, using separate assessment sheet (15 Marks) and the duly signed sheets shall be submitted to the admission committee through Incharge Deptt.* of Laws for preparation of merit list as per Ph.D. Ordinance of the University.

List of 15 students was supplied by the Incharge- Deptt. of Laws, the DRC interviewed 15 candidates in total.

The list of (15) candidates interviewed is given below :-

Sr. No.	Candidate Name
1	Akansha
2	Jyoti
3	Manu

4	Parul
5	Vanika *
6	Anchal
7	Anjani
8	Preeti Dalal
9	Varishiti
10	Kajal
11	Anjali
12	Nancy (JRF)
13	Sushila (JRF)
14	Vanika (JRF)
15	Rashmi (JRF)

Merit list of students prepared by DRC for admission to Pre-Ph.D. course Work

Sr. No.	Merit list of JRF students *	Name of Supervisor & Co Supervisor
1	Nancy (JRF)	Dr. Sandhya Rohal
2	Rashmi (JRF)	Dr. Seema Dahiya
3	Vanika (JRF)	Dr. Anil Balhera
4	Sushila (JRF)	Dr. Rajesh Hooda & Dr. Anu Bala

Sr. No.	Merit list of students qualified entrance test	Name of Supervisor & Co-Supervisor
1	Parul (AIO)	Dr. Pawan Kumar
2	Manu (HOGC)	Dr. Rajesh Hooda & Dr. Anu Bala
3	Akansha (HOGC)	Dr. Kritika
4	Anjani (BC-A)	Dr. Anand Kumar

*

Agenda No. 5: To appoint Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita.

Resolution :- With reference to the given agenda DRC members accorded consent unanimously in consonance with DSC resolution dated 24.11.2022 and Dr. Deepali Mathur is appointed Co-supervisor of Ms Kavita (Registration No.

2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5.3 of the Ph.D. Ordinance.

Prof. (Dr.) Supinder Kaur

Chaf Enclosed

Dr. Sushila Chohan

Dr. Seema Dahiya

Prof. (Dr.) Vijay Nishra

Dr. Alka Bharti

4

B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat)
Department of Laws

Proceedings and minutes of PGBOS meeting hold on dated 25-03-2023 at 11.00 a.m
The following were present:-

- | | | |
|----------------------------|-----|------------------------|
| 1. Prof. Vijay Nehra | - | Dean & Chairman |
| 2. Prof. (Dr.) Naresh Vats | - | Outside Subject Expert |
| 3. Dr. Jaswant Saini | - | Outside Subject Expert |
| 4. Dr. Seema Dahiya | - | Incharge & Member |
| 5. Dr. Rajesh Hooda | * - | Member |

The P.G. BOS considered the following agendas are mentioned below:-

1. The Cancellation of Ph.D. registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal was approved with reference to DRC Meeting held on 23.1.2023.
2. The list of examiners for evaluation of Ph.D. thesis by the PGBOS. PGBOS considered and approved the list of examiners for evaluation of thesis likely to be submitted in supervision of Dr. Rajesh Hooda, Dr. Alka Bharti, Dr. Kritika, Dr. Sandhya Rohal and Dr. Anand Kumar.
3. With reference to Agenda No. 2 approved by the DRC Meeting Regarding the increase in number of seats of PH.D for session of 2022-23 Existing seats advertised -05, Proposed increase-03 is approved. Further as approved by DRC held on 23/1/23 the enrolment and allotment of supervisor is considered and approved.
4. With reference to Agenda No. 5 to appoint Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita (Registration No. 2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5.3 of the Ph.D. Ordinance.
5. P.G. BOS considered the recommendation of DRC regarding registration of topics and allotment of supervisors to the 06 Ph.D. students of session 2022-23 as under:-

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws In India: A Critical Study	Dr. Seema Dahiya . Dr Archana Malik (Co-supervisor)
2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India – A Socio Legal Study	Dr. Anil Balhera
3.	Vijeta Kumari	Law of Admission and Confession in India, USA and UK: A	Dr. Alka Bharti

		Comparative Study	
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio-Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime And challenges	Dr. Parmod Malik
6.	Anju Bala	Sedition Law vis-à-vis Freedom of Speech and Expression in the current Indian Scenario: A Critical Study	Dr. Seema Dahiya , Dr. Archana Malik (Co-supervisor)

Meeting ended with thanks by the chair.

Prof. (Dr) Naresh Vats

Dr. Jaswant Saini

Prof. (Dr.) Vijay Nehra

Dr. Rajesh Hooda

Dr. Seema Dahiya

E.P.S. Mahila Vishwavidyalaya Khanpur Kalan (S)
Faculty of Law

MINUTES OF THE MEETING

The Meeting of Faculty of Law, held in the office of the Dean Faculty of Law on _____ at 12:00 noon. The following were present:-

- | | |
|---|-----------|
| 1. Prof. (Dr.) Vijay Nehra, Dean, faculty of Law | Dean |
| 2. Dr. Seema Dahiya, Incharge, Law | Member |
| 3. Dr. Kritika Asstt. Prof. BPSMV | Member |
| 4. Mr. Rajesh Narwal, A.R., Incharge Academic, Registrar's nominee: | Secretary |

The Board :-

1. Considered and approved the topics of research for registration of candidates with the name of supervisors and approved by DRC and PGBOS meeting dated on 23/1/23 and 25/3/23 respectively.

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws in India: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)
2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India - A Socio Legal Study	Dr. Anil Balhara
3.	Vijeta Kumari	Law of Admission and Confession in India, USA and UK: A Comparative Study	Dr. Alka Bharti
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime And Challenges	Dr. Parmod Malik
6.	Anju Bala	Sedition Law vis-à-vis Freedom of Speech and Expression in the Current Indian Scenario: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)

2. Considered and approved Cancellation of Ph.D. registration of Ms. Vandana under the supervision of Dr. Sandhya Rohatgas approved with reference to DRC and PGBOS Meeting held on 23/1/23 and 25/3/23 respectively.
3. With reference to approval by PGBOS Meeting held on 25/3/23 Regarding the increase in number of seats of PH.D for session of 2022-23. Existing seats advertised -05, Proposed increase-03 is considered and approved. Further as approved by DRC and PGBOS held on 23/1/23 and 25/3/23 respectively the enrolment and allotment of supervisor is considered and approved.
4. With reference to approval by DRC and PGBOS held on 23/1/23 and 25/3/23 respectively regarding appointment of Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita (Registration No. 2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5.3 of the Ph.D. Ordinance is considered and approved.

Meeting ended with a vote of thanks to the chair *

Vijay Nehra
(Dr. Vijay Nehra)

Seema
(Dr. Seema Dahiya)

Kritika
(Dr. Kritika)

W
(Mr. Rajesh Narwal)
nominee of Registrar

A copy of the above is forwarded to the following :

- 1) AR (Academics) *for information*
- 2) All members concerned *for information*
- 3) Office record File for information & *Y2 Card*

B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat)
Department of Laws

Proceedings and minutes of PGBOS meeting held on dated 25-03-2023 at 11.00 a.m

The following were present:-

- | | | |
|----------------------------|---|------------------------|
| 1. Prof. Vijay Nehra | - | * Dean & Chairman |
| 2. Prof. (Dr.) Naresh Vats | - | Outside Subject Expert |
| 3. Dr. Jaswant Saini | - | Outside Subject Expert |
| 4. Dr. Seema Dahiya | - | Incharge & Member |
| 5. Dr. Rajesh Hooda | - | Member |

The P.G. BOS considered the following agendas are mentioned below:-

1. The Cancellation of Ph.D. registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal was approved with reference to DRC Meeting held on 23.1.2023.
2. The list of examiners for evaluation of Ph.D. thesis by the PGBOS. PGBOS considered and approved the list of examiners for evaluation of thesis likely to be submitted in supervision of Dr. Rajesh Hooda, Dr. Alka Bharti, Dr. Kritika, Dr. Sandhya Rohal and Dr. Anand Kumar.
3. With reference to Agenda No. 2 approved by the DRC Meeting Regarding the increase in number of seats of PH.D for session of 2022-23 Existing seats advertised -05, Proposed increase-03 is approved. Further as approved by DRC held on 23/1/23 the enrolment and allotment of supervisor is considered and approved.
4. With reference to Agenda No. 5 to appoint Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita (Registration No. 2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5:3 of the Ph.D. Ordinance.
5. P.G. BOS considered the recommendation of DRC regarding registration of topics and allotment of supervisors to the 06 Ph.D. students of session 2022-23 as under:-

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws in India: A Critical Study	Dr. Seema Dahiya, Dr. Archana Malik (Co-supervisor)
2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India - A Socio Legal Study	Dr. Anil Balhera
3.	Vijeta Kumari	Law of Admission and Confession in India, USA and UK: A	Dr. Alka Bharti

		Comparative Study	
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio-Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime And challenges	Dr. Parmod Malik
6.	Anju Bala	Sedition Law vis-à-vis Freedom of Speech and Expression in the current Indian Scenario: A Critical Study	Dr. Seema Dahiya , Dr. Archana Malik (Co-supervisor)

Meeting ended with thanks by the chair.

Prof. (Dr.) Naresh Vats

Dr. Jaswant Saini

Prof. (Dr.) Vijay Nehra

Dr. Rajesh Hooda

Dr. Seema Dahiya

Department of Laws
B.P.S. Mahila Vishwavidyalya Khanpur Kalan

Minutes of Departmental Research Committee (DRC)

The minutes of the DRC - Deptt. of Laws meeting held on 23.1.2023 at 11.30 a.m. via blended mode.

Following were present :-

1. Prof. Vijay Nehra - Dean & Chairman
2. Prof. (Dr.) Supinder Kaur - Subject Expert
3. Prof. (Dr.) Sushila Chohan - Subject Expert
4. Dr. Seema Dahiya - In-Charge DOL & Member
5. Dr. Alka Bharati - Member

The DRC considered the following agendas and recommendations are mentioned below:-

Agenda 1:- Cancellation of Registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal.

Resolution :- Agenda no.1 is approved unanimously by members of DRC.

Agenda 2 :Regarding the increase of number of seats of Ph.D.2022-23

Existing Seats advertised* 05

Proposed Increase-03 on request of faculty members

Resolution :With reference to Agenda no. 2 prior was approval was accorded by two outside experts and other members have also consented to the same.

Agenda 3 :To approve the registration of Pre- Ph.D. Course work students in Ph.D. (Law) Programme.

Resolution: The DRC considered and approved the research proposal of the following students who have successfully completed pre Ph.D. course Work (Law) and also allocated supervisors. The details is mentioned below:

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws In India: A Critical Study	Dr. Seema Dahiya - Dr. Archana Malik (Co-supervisor)

2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India - A Socio Legal Study	Dr. Anil Bhatnagar
3.	Vijeta Kumari	Law of Admission And Confession In India, USA and UK: A Comparative Study	Dr. Alka Bhatnagar
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence In Cyber Crimes: Mapping Indian Admissibility Regime And challenges	Dr. Parmod Malik
6.	Anju Bala	A Critical Study of Sedition Law vis-à-vis Freedom of Speech In the current Indian Scenario	Dr. Seema Dahiya, Dr. Archana Malik (Co-supervisor)

Agenda 4 Enrollment of Pre-Ph.D. students

Admission of candidates in Pre Ph.D. (Law) Programme.

Resolution : With reference to the Ph.D. Ordinance of the University, the DRC approved the following criteria for assessing the abilities of the candidate's through interview:

15 Marks of Interview (Total A+B+C+D)			
Domain Knowledge 2.5 Marks A	Research Abilities 2.5 Marks B	Communication Skills 2.5 Marks C	Ability to answer Queries 2.5 Marks D

Further, it was decided that all the members of the DRC shall assess the performance of the candidates individually, using separate assessment sheet (15 Marks) and the duly signed sheets shall be submitted to the admission committee through Incharge Deptt. of Laws for preparation of merit list as per Ph.D. Ordinance of the University.

List of 15 students was supplied by the Incharge- Deptt. of Laws, the DRC interviewed 15 candidates in total.

The list of (15) candidates interviewed is given below :-

Sr. No.	Candidate Name
1	Akansha
2	Jyoti
3	Manu

4	Parul
5	Varika
6	Anchal
7	Anjani
8	Preeti Dalal
9	Varishli
10	Kajal
11	Anjali
12	Nancy (JRF)
13	Sushila (JRF)
14	Vanika (JRF)
15	Rashmi (JRF)

Merit list of students prepared by DRC for admission to Pre-Ph.D. course Work

Sr. No.	Merit list of JRF students	Name of Supervisor & Co Supervisor
1	Nancy (JRF)	Dr. Sandhya Rohal
2	Rashmi (JRF)	Dr. Seema Dahiya
3	Vanika (JRF)	Dr. Anil Balhera
4	Sushila (JRF)	Dr. Rajesh Hooda & Dr. Anu Bala

Sr. No.	Merit list of students qualified entrance test	Name of Supervisor & Co-Supervisor
1	Parul (AIO)	Dr. Pawan Kumar
2	Manu (HOGC)	Dr. Rajesh Hooda & Dr. Anu Bala
3	Akansha (HOGC)	Dr. Kritika
4	Anjani (BC-A)	Dr. Anand Kumar

Agenda No. 5: To appoint Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita.

Resolution :- With reference to the given agenda DRC members accorded consent unanimously in consonance with DSC resolution dated 24.11.2022 and Dr. Deepali Mathur is appointed Co-supervisor of Ms Kavita (Registration No.

2018041100040415) w.e.f. 24.11.2022 with Dr. Anand as per Clause 5.3 of the Ph.D.
Ordinance.

Prof. (Dr.) Supinder Kaur

(Prof. Enclosed)

Dr. Sushila Chauhan

Dr. Seema Dahiya

Prof. (Dr.) Vijay Nanda

Dr. Alka Bharti

MINUTES OF THE MEETING

The Meeting of Faculty of Law, held in the office of the Dean Faculty of Law on 12-04-2023 at 12.00 noon. The following were present:-

- | | |
|---|-----------|
| 1. Prof. (Dr.) Vijay Nehra, Dean, faculty of Law | Dean |
| 2. Dr. Seema Dahiya, Incharge, Law | Member |
| 3. Dr. Kritika Asstt. Prof. BPSMV | Member |
| 4. Mr. Rajesh Narwal, A.R., Incharge Academic, Registrar's nominee. | Secretary |

The Board :-

1. Considered and approved the topics of research for registration of candidates with the name of supervisors and approved by DRC and PGBOS meeting dated on 23/1/23 and 25/3/23 respectively.

Sr. No.	Name of Candidate	Approved Topic of Research	Proposed Supervisor
1.	Neeraj	Witness Protection Laws In India: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)
2.	Sujata Lather	Legal Framework for Regularization of Contractual Services in India - A Socio Legal Study	Dr. Anil Balhera
3.	Vijeta Kumari	Law of Admission and Confession in India, USA and UK: A Comparative Study	Dr. Alka Bharti
4.	Antima	Wrongful Conviction Under Indian Criminal Justice System: A Socio Legal Study	Dr. Rajesh Hooda
5.	Sneha Hooda	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime And Challenges	Dr. Parmod Malik
6.	Anju Bala	Sedition Law vis-à-vis Freedom of Speech and Expression in the Current Indian Scenario: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)

2. Considered and approved Cancellation of Ph.D. registration of Ms. Vandana under the supervision of Dr. Sandhya Rohal was approved with reference to DRC and PGBOS Meeting held on 23/1/23 and 25/3/23 respectively.
3. With reference to approval by PGBOS Meeting held on 25/3/23 Regarding the increase in number of seats of PH.D for session of 2022-23. Existing seats advertised -05. Proposed increase-03 is considered and approved. Further as approved by DRC and PGBOS held on 23/1/23 and 25/3/23 respectively the enrolment and allotment of supervisor is considered and approved.
4. With reference to approval by DRC and PGBOS, held on 23/1/23 and 25/3/23 respectively regarding appointment of Dr. Deepali Mathur, Assistant Professor, Department of Social Work, BPSMV, as co-supervisor with Dr. Anand Kumar, Assistant Professor, Department of Laws, BPSMV, for scholar Kavita (Registration No. 2018041100040415) w.e.f. 24.11.2022 with Dr Anand as per Clause 5.3 of the Ph.D. Ordinance is considered and approved.

Meeting ended with a vote of thanks to the chair.

Vijay Nehra
(Dr. Vijay Nehra)

Seema
(Dr. Seema Dahiya)

Kritika
(Dr. Kritika)

W
(Mr. Rajesh Narwal)
nominee of Registrar

A copy of the above is forwarded to the following :

- 1) AR (Academics) *for information.*
- 2) All members concerned *for information*
- 3) - Office record File for Information *& record.*

*

*

Bhagat Phool Singh Mahila Vishwavidyalaya Khanpur kalan (Sonipat) Haryana

No. BPSMV/Acad./23/ 982-84

Dated: 13/03/23

Minutes of Meeting

The meeting of the committee constituted to discuss the proposal submitted by Principal, Polytechnic regarding closure of the diploma in Architecture running under Self Financing Scheme and to give its recommendations has been held on 13/03/2023 at 02:00 p.m. in the office of Dean Academic Affairs, BPSMV Khanpur Kalan.

The following members were present: -

- | | | |
|----|--------------------------------------|----------|
| 1. | Dean Academic Affairs | Convener |
| 2. | Principal, Polytechnic | Member |
| 3. | Assistant Registrar, Academic Branch | Member |

As reported by the Smt. Kiran Jindal, Officiating Principal, BPS Mahila Polytechnic that there is not a single admission in Diploma Course in Architectural Assistantship. This course is running under Self Financing Scheme. There is also no faculty working for this diploma course.

Moreover, the university has to pay a sum of Rs. 50,000/- per year on account of processing fee to Haryana State Board of Technical Education Panchkula. After detailed deliberations, it is unanimously resolved that the Diploma in Architectural Assistantship, (SFS) may be discontinued from the current academic session 2023-2024 to avoid any financial burden on the university.

Prof. Sanket Vij
Dean Academic Affairs

Smt. Kiran Jindal
Officiating Principal

Sh. Rajesh Kumar
Assistant Registrar

ANNEXURE - 9

B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat

Department of Economics

Meeting of Under Graduate Board of Studies in Economics


A meeting of UGBOS in Economics was held on 26th May 2023 at 11.00 am to discuss the agenda of discontinuation of B.A. (Hons) Economics programme offered by the Department of Economics w.e.f. session 2023-24.


The following members were present in the meeting:

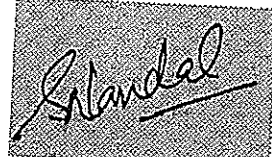
Prof. Surender Mor	Dept. of Economics, BPSMV	(Chairperson)
Prof. Ashok Chauhan	Dept. of Economics, K. U. Kurukshetra	(Member)
Prof (Retd) Santosh Nandal	Dept. of Economics, M.D. U. Rohtak	(Member)
Dr Kiran Devi	Dept. of Economics, BPSMV	(Member)

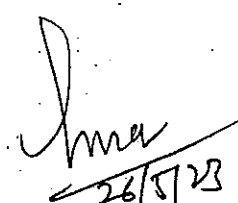
The Committee discussed the matter at length and resolved to discontinue the B.A. (Hons) Economics programme w.e.f. session 2023-24. The Department Staff Council has already resolved to discontinue it in its meeting (SC-49) held on 19th January 2023. The department intends to offer a new M.A. 5 Year Integrated Programme (In line with NEP 2020) / Master Programme (online mode/ Evening session) / other relevant Master Programme w.e.f. next academic session (2024-25) in lieu of this discontinued programme.

The meeting ended with the thanks to the chair.


(Dr Kiran Devi) 26/5/23


(Prof. Ashok Chauhan)


(Prof. Santosh Nandal)


(Prof. Surender Mor)

SC-49

DSC

Mansa

Date _____ Page 1 of 1

A meeting of Departmental Staff Council held on 19-1-23 at 1 P.M. to discuss the following agenda:

(1) To convert BA programme into 4 year programme.

(2) To consider the request of students for internship in various agencies.

The Following were Present in the meeting:

(1) Prof. Suminder Mor

(2) Dr. K. K. K.

(3) Dr. Anju Rani

Item (1) The Staff Council discussed the agenda of converting BA programme (BA Honours) programme to 4 year programme as per NEP 2020. The matter has been discussed at length in the council during workshops on the subject dated 07-07-2022 and also discussed in various meetings. After a strategic deliberation the staff council found that the conversion of BA Honours programme to 4 year programme as suggested by NEP 2020 doesn't seem to be viable from the point of view of students and at the same time the same programme would have been offered by I.H.L., B.P.S.O.V. This is further unviable because department already offered M.A. Economics 2 year programme. Hence the DSC resolve that the existing BA Honours may be discontinued from 2023-24 session and a 5 year integrated programme will be designed and offered in align with NEP 2020 as a replacement to this w.e.f. 2023.

Mansa

Date _____ Page 1 of 1

2023-24 or 2024-25 (depending upon the release NEP 2020 guidelines for BA programme), further M.A. 2 year programme will be discontinued accordingly.

Item (2) The department has received the request of MA Economics Final students (Maisha, Nidhi, Suman) Nigra from B.A. Economics Final year for internship. The matter has been discussed in the staff council. The staff council decided that there is no provision of internship in the ordinance of M.A. Economics. BA Economics. Therefore the department is unable to allow during the teaching session. Further the students may pursue at their own convenience. The meeting ended with vote of thanks.

Prof. Suminder Mor

Dr. K. K. K.

Dr. Anju Rani

Scheme and Syllabi of Examination
for
M.Sc. (Mathematics)
Offered by
Department of Basic & Applied Sciences
Under
(Faculty of Science)



Bhagat Phool Singh Mahila Vishwavidyalaya
Khanpur Kalan (Sonapat), Haryana-131305

Signature



Department of Basic & Applied Sciences
Bhagat Phool Singh Mahila Vishwavidyalaya,
Khanpur Kalan (Sonapat), Haryana-131305
www.bpswomenuniversity.ac.in

SCHEME OF STUDIES & EXAMINATIONS

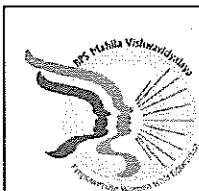
M.Sc. in Mathematics (Two Year Course)

Semester – I

Effective from Academic Session 2023-2024(With CBCS)

Paper No.	Paper title	Teaching Scheme			Examination Scheme			Duration of Exam.	Credit
		L	T	P	Internal Marks	External Marks	Total		
MAL- 501	Advanced Abstract Algebra-I	4	0	0	20	80	100	3 Hours	4
MAL- 503	Real Analysis	4	0	0	20	80	100	3 Hours	4
MAL-505	Complex Analysis-I	4	0	0	20	80	100	3 Hours	4
MA L-507	Ordinary Differential Equations-I	4	0	0	20	80	100	3 Hours	4
MAL- 509	Classical Mechanics	4	0	0	20	80	100	3 Hours	4
MAP-511	Programming in 'C' (Lab)	0	0	4	20	80	100	4 Hours	2
MAP-513	Seminar-I	0	0	2	25	...	25	...	1
Total		20	0	6	145	480	625		23

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SCHEME OF STUDIES & EXAMINATIONS

M.Sc. in Mathematics (Two Year Course)

Semester – II

Effective from Academic Session 2023-2024(With CBCS)

Paper No.	Paper title	Teaching Scheme			Examination Scheme			Duration of Exam	Credit
		L	T	P	Internal Marks	External Marks	Total		
MAL- 502	Advanced Abstract Algebra-II	4	0	0	20	80	100	3 Hours	4
MAL- 504	Complex Analysis-II	4	0	0	20	80	100	3 Hours	4
MAL -506	Mathematical Statistics	4	0	0	20	80	100	3 Hours	4
MAL -508	Ordinary Differential Equations-II	4	0	0	20	80	100	3 Hours	4
MAL- 510	Methods of Applied Mathematics	4	0	0	20	80	100	3 Hours	4
MAP -512	Programming with FORTRAN(Lab)	0	0	4	20	80	100	4 Hours	2
MAP-514	Seminar-II	0	0	2	25	-----	25	-----	1
Total		20	0	6	145	480	625		23

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SCHEME OF STUDIES & EXAMINATIONS

M.Sc. in Mathematics (Two Year Course)

Semester – III

Effective from Academic Session 2024-2025(With CBCS)

Paper No.	Paper title	Teaching Scheme			Examination Scheme			Duration of Exam	Credit
		L	T	P	Internal Marks	External Marks	Total		
MAL- 601	Measure &Integration Theory	4	0	0	20	80	100	3 Hours	4
MAL- 603	Topology	4	0	0	20	80	100	3 Hours	4
MAL -605	Mechanics of Solids-I	4	0	0	20	80	100	3 Hours	4
Open Elective(to be chosen from the list of electives provided by the University)/CBCS Paper		4	0	0	20	80	100	3 Hours	4
	Elective-I	4	0	0	20	80	100	3 Hours	4
	Elective-II	4	0	0	20	80	100	3 Hours	4
MAP-615	MATLAB (Lab)	0	0	4	20	80	100	4 Hours	2
MAP-617	Seminar-III	0	0	2	25	-----	25	-----	1
Total		24	0	6	165	560	725		27

Electives:

(Students are required to take both the electives from the Group- A)

Group-A

- MAL- 607 Analytic Number Theory
- MAL- 609 Operations Research
- MAL- 611 Fluid Mechanics
- MAL- 613 Advanced Discrete Mathematics

Note: Electives can be offered subject to availability of requisite resources/ faculty in the department.

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SCHEME OF STUDIES & EXAMINATIONS

M.Sc. in Mathematics (Two Year Course)

Semester – IV

Effective from Academic Session 2024-2025(With CBCS)

Paper No.	Paper title	Teaching Scheme			Examination Scheme			Duration of Exam	Credit
		L	T	P	Internal Marks	External Marks	Total		
MAL -602	Functional Analysis	4	0	0	20	80	100	3 Hours	4
MAL-604	Integral Equations	4	0	0	20	80	100	3 Hours	4
MAL -606	Mechanics of Solids-II	4	0	0	20	80	100	3 Hours	4
Open Elective(to be chosen from the list of electives provided by the University) CBCS Paper		4	0	0	20	80	100	3 Hours	4
	Elective-III	4	0	0	20	80	100	3 Hours	4
	Elective-IV	4	0	0	20	80	100	3 Hours	4
MAP-616	LATEX(Lab)	0	0	4	20	80	100	4 Hours	2
MAP-618	Seminar-IV	0	0	2	25	-----	25	-----	1
Total		24	0	6	165	560	725		27

Electives:

(Students are required to take both the electives from the Group B)

Group B

- MAL -608 Algebraic Coding Theory
MAL -610 Differential Geometry
MAL- 612 Advanced Fluid Mechanics
MAL- 614 Partial Differential Equations

Note: Electives can be offered subject to availability of requisite resources/ faculty in the department.

Signature

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M.Sc. (Mathematics) 1st Semester w.e.f. 2023-2024
MAL - 501: ADVANCED ABSTRACT ALGEBRA-I

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand concepts of normal subgroup, quotient group, isomorphism, automorphism, normal series, subnormal series, composition series, solvable group.
2. Understand nilpotent group and their class of nilpotency.
3. Learn about extension of fields, splitting field, prime field and perfect fields.
4. Universality of Galois group and Galois extension.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Zassenhaus's lemma, normal, subnormal series, Schreier's theorem, composition series, Jordan-Hölder theorem (Abelian and Non-Abelian groups), Commutators and their properties, Hall-Witt identity, three subgroup lemma of P. Hall.

Unit-II

Nilpotent groups and their class of nilpotency, upper and lower central series and their properties, invariant (normal) and chief series, solvable groups and derived series.

Unit-III

Extension of fields, algebraic and transcendental extensions, splitting fields, normal extensions, prime fields, perfect fields.

Unit-IV

Finite fields, automorphism of extensions, fixed fields, Galois group, Galois extension, Galois fields, Fundamental theorem of Galois Theory.

References:

1. I.N. Herstein, Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975.
2. P.B. Bhattacharya, S.K. Jain and S.R. Nag Paul, Basic Abstract Algebra (2nd Edition), Cambridge University Press, Indian Edition, 1997.
3. M. Artin, Algebra, Prentice-Hall of India, 1991.
4. I.S. Luther and I.B.S. Passi, Algebra, Vol. I-Groups, Vol. II-Rings, Narosa Publishing House (Vol. I-1996, Vol. II-1999).
5. David S. Dummit and Richard M Foote, Abstract Algebra, Third Edition, John Wiley & Sons, Inc. USA.

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M.Sc. (Mathematics) 1st Semester w.e.f. 2023-2024
MAL -503: REAL ANALYSIS

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand the convergence of sequences, series of functions and the proof of related theorems.
2. Understand differentiability and continuity of functions of several variables and apply the knowledge to prove inverse function theorem and implicit function theorem.
3. Understand Riemann Stieltjes integral, its properties and rectifiable curves.
4. Know about Lebesgue measure, outer measure and its properties.

Note: The examiner is requested to set nine questions in all taking two questions from each unit and one compulsory question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt five questions selecting one from each unit and the compulsory question.

Unit -I

Sequences and series of functions, point-wise and uniform convergence, Cauchy criterion for uniform convergence, Weierstrass M-test, Abel's and Dirichlet's tests for uniform convergence, uniform convergence and continuity, uniform convergence and differentiation. Weierstrass approximation theorem, power series, uniqueness theorem for power series, Abel's theorem.

Unit-II

Functions of several variables, linear transformations, derivatives in an open subset in R_n , chain rule, partial derivatives, interchange of the order of differentiation, derivatives of higher orders, Explicit and Implicit function theorem, Taylor's theorem, Jacobian, extreme problems with constraints, Lagranges multiplier method.

Unit - III


Definition and existence of Riemann-Stieltjes integral, properties of the integral, integration and differentiation, Fundamental theorem of Calculus, integration of vector-valued functions, rectifiable curves.

Unit - IV

Set functions, intuitive idea of measure, elementary properties of measure, measurable sets and their fundamental properties, Lebesgue measure of sets of real numbers, algebra of measurable sets, Borel sets, equivalent formulation of measurable sets in terms of open, closed F_σ and G_δ sets, non measurable sets.

References:

1. W.Rudin, Principles of Mathematical Analysis (3rd edition) McGraw-Hill, Kogakusha, 1976, International Student edition.
2. T.M. Apostol, Mathematical Analysis, Narosa Publishing House, New Delhi, 1985.
3. P.K. Jain and V.P. Gupta, Lebesgue Measure and Integration, New Age International (P) Limited, New Delhi, 1986 (Reprint 2000).
4. H.L. Royden, Real Analysis, Macmillan Pub. Cop. Inc. 4th Edition, New York, 1993.



M.Sc. (Mathematics) 1st Semester w.e.f. 2023-2024
MAL - 505: COMPLEX ANALYSIS-I

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand the concepts of analytic functions, Cauchy Riemann equations and harmonic function.
2. Solve the complex integrals of various kinds through the applications of relevant theorems, formulae and power series expansions.
3. Learn about Jacobian transformation, conformal transformation, Bilinear transformation and its properties.
4. Concept of Taylor's Series, Laurent's Series and residues.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Cauchy Riemann equations, necessary and sufficient conditions for a function to be analytic, polar form of Cauchy Riemann equations, harmonic function, construction of analytic function, power series, radius of convergence of power series, sum function of power series, Cauchy Hadamard theorem.

Unit -II

Complex Integration, Cauchy-Goursat Theorem, simply and multiply connected domains, Cauchy's Integral formula, Cauchy's Integral formula for higher Order derivatives, Morera's theorem, Cauchy's inequality, Liouville's theorem, Fundamental theorem of Algebra, maximum and minimum Modulus Principle, Schwarz Lemma, Poisson's integral formula.

Unit - III

Transformation, Jacobian Transformation, Conformal Transformation, Some general transformations, Bilinear transformations and their properties and classification.

Unit -IV

Taylor's Series, Laurent's Series, singularities, meromorphic functions, Argument principle, Rouché's theorem, calculus of residues, Cauchy's residue theorem, Mittag Leffler's expansion theorem.

References:

1. H.A. Priestly, Introduction to Complex Analysis, Clarendon Press, Oxford, 1990.
2. J.B. Conway, Functions of one Complex variable, Springer-Verlag, International Student-Edition, Narosa Publishing House, 1980.
3. L.V. Ahlfors, Complex Analysis, McGraw-Hill, 1979.
4. Mark J. Ablowitz and A.S. Fokas, Complex Variables: Introduction and Applications, Cambridge University Press, South Asian Edition, 1998.
5. S. Ponnusamy, Foundations of Complex Analysis, Narosa Publishing House, 1997.
6. J.W. Brown and R.V. Churchill, Complex Variables and Applications, MC Graw Hill.

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M.Sc. (Mathematics) 1st Semester w.e.f. 2023-2024
MAL- 507: ORDINARY DIFFERENTIAL EQUATIONS-I

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand system of differential equations and its existence theory, dependence of solution of an IVP on initial parameters, extremal solutions. Cauchy Peano Existence and uniqueness theorem.
2. Learn about the concept of integrability of total differential equation, Riccati's equation and Pruffer transformation.
3. Understand the Sturm-Liouville bounded value problems, its separation and comparison theorems. Apply separation variable method for heat, wave and Laplace equation.
4. Apply methods of reduction of order and variation of parameters to solve linear differential equations, solve higher order linear differential equations with constant coefficients.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Initial-value problem and the equivalent integral equation, ϵ -approximate solution, Cauchy-Euler construction of an ϵ -approximate solution, Equicontinuous family of functions, Ascoli-Arzelà theorem, Cauchy-Peano existence theorem.

Uniqueness of solutions, Lipschitz condition, Picard-Lindelof theorem for local existence and uniqueness of solutions, solution of initial-value problems by Picard method.

Unit-II

Total differential Equations: condition of integrability, methods of solution, Gronwall's differential inequality, comparison theorems involving differential inequalities, zeros of solutions, Riccati's Equation, Pruffer transformation, Lagrange's identity and Green's Formula for second-order equation.

Unit-III

Sturms separation and comparison theorems, Sturm-Liouville boundary-value problems, properties of eigen values and eigen functions, separation variable method for heat and wave equation (one dimensional) and Laplace equation in (two dimensional) in Cartesian system.

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Unit-IV

Introduction solution of linear differential equation of second order, complete solution in terms of known integral, Removal of the first order derivative, transformation of the equation by changing the independent variable, method of variation of parameters and method of operational factors.

References:

1. E.A. Coddington and N. Levinson, Theory of Ordinary Differential Equations, McGraw Hill, NY, 1955.
2. G. Birkhoff and G.C. Rota, Ordinary Differential Equations, John Wiley and Sons Inc., NY, 1978.
3. S.L. Ross, Differential Equations, John Wiley and Sons Inc., NY, 1984.
4. W.E. Boyce and R.C. DiPrima, Elementary Differential Equations and Boundary Value Problems, John Wiley and Sons Inc., NY, 1986.
5. Philip Hartman, Ordinary Differential Equations, John Wiley & Sons, NY 1964.

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M.Sc. (Mathematics) 1st Semester w.e.f. 2023-2024
MAL -509: CLASSICAL MECHANICS

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Be familiar with the concept of momental ellipsoid, equimomental system and general motion of a rigid body.
2. Understand ideal constraints, general equation of dynamics and Lagrange's equation for potential forces.
3. Describe Hamiltonian function, Poincare carton integral invariants and Principle of least action.
4. Learn about Gravitation and Equipotential surfaces.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Moments and products of Inertia, theorems of parallel and perpendicular axes, principal axes, the momental ellipsoid, equimomental systems, coplanar distributions, generalized coordinates, holonomic and non-holonomic systems, Scleronomic and Rheonomic systems, Lagrange's equations for a holonomic system.

Unit-II

Lagrange's equations for a conservative and impulsive forces, kinetic energy as quadratic function of velocities, generalized potential, energy equation for conservative fields. Hamilton's variables, Donkin's theorem, Hamilton canonical equations, cyclic coordinates, Routh's equations, Poisson's Bracket, Poisson's Identity, Jacobi-Poisson Theorem.

Unit -III

Hamilton's Principle, Principle of least action, Poincare Cartan's Integral invariant, Whittaker's equations. Jacobi's equations, Hamilton-Jacobi equation, Jacobi's theorem, method of separation of variables, Lagrange Brackets, condition of canonical character of a transformation in terms of Lagrange brackets and Poisson brackets, invariance of Lagrange brackets and Poisson brackets under canonical transformations.

Unit -IV

Gravitation: Attraction and potential of rod, disc, spherical shells and sphere, Laplace and Poisson equations, work done by self-attracting systems, distributions for a given potential, equipotential surfaces, surface and solid harmonics, surface density in terms of surface harmonics.

References:

1. F. Chorlton, A Text Book of Dynamics, CBS Publishers & Dist., New Delhi.
2. F.Gantmacher, Lectures in Analytic Mechanics, MIR Publishers, Moscow, 1975.
3. Louis N. Hand and Janet D. Finch, Analytical Mechanics, Cambridge University Press, 1999.

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M.Sc. (Mathematics) 1st Semester w.e.f. 2023-2024
MAP- 511: PROGRAMMING IN 'C'

L T P
0 0 4(02 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Implement selective structures and repetitive structure in C programs using different control statements.
2. To emphasize on the importance of use of pointers for efficient C programming.
3. Use structure and union in a C program for handling multivariate data.

List of Programs using C:

1. Program to generate prime numbers upto a given number.
2. Program to find factorial using recursion.
3. Program to find fibonacci terms without recursion.
4. Program to generate table of a number.
5. Program to find roots of a quadratic equation.
6. Program to generate fibonacci series with recursion.
7. Program to find factorial without recursion.
8. Program to find $S = \sum_{n=1}^{10} 1/(n-7)$, $n! = 7$.
9. Program to find element from a given array.
10. Program to find transpose of a matrix.
11. Program to swap two numbers using pointers.
12. Program to arrange a string in alphabetical order.
13. Program to convert decimal number into octal and hexadecimal.
14. Program to find matrix multiplication.
15. Program to find arithmetic mean, variance, S.D.
16. Program to check whether a number is prime or not.
17. Program to print sum of digits.
18. Program to reverse a given number.

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M.Sc. (Mathematics) 2nd Semester w.e.f. 2023-2024
MAL - 502: ADVANCED ABSTRACT ALGEBRA-II

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand the concept of module and sub-module, cyclic modules, simple module and free modules.
2. Learn about Noetherian and Artinian modules.
3. Have a deep knowledge of Canonical forms : Nilpotent transformation, index of nilpotency and invariants of a nilpotent transformation.
4. Learn about Primary Decomposition theorem, Jordan form, rational canonical form and elementary divisors.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -1

Opposite rings, modules and submodules, Cyclic modules, simple modules, Schur's Lemma. free modules, Fundamental structure theorem for finitely generated abelian groups and its application to finitely generated abelian groups.

Unit-2

Noetherian and Artinian modules and rings, Hilbert basis theorem, homomorphism (R, R) .

Unit -3

Canonical Forms: similarity of linear transformations, invariant subspaces, reduction to triangular forms, nilpotent transformations, index of nilpotency, cyclic subspace with respect to nilpotent transformation, invariants of a nilpotent transformation.

Unit-4

The primary decomposition theorem, Jordan blocks and Jordan forms, rational canonical form, generalized Jordan form over any field, elementary divisors of a transformation.

References:

1. I.N. Herstein, Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975.
2. P.B. Bhattacharya, S.K. Jain and S.R. Nag Paul, Basic Abstract Algebra (2nd Edition), Cambridge University Press, Indian Edition, 1997.
3. P.M. Cohn, Algebra, Vols. I, II & III, John Wiley & Sons, 1982, 1989, 1991.
4. N. Jacobson, Basic Algebra, Vols. I & II, W.H. Freeman, 1980.
5. I.S. Luther and I.B.S. Passi, Algebra, Vol. I-Groups, Vol.II-Rings, Narosa Publishing House, Vol. I-1996, Vol. II-1999.

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M.Sc. (Mathematics) 2nd Semester w.e.f. 2023-2024
MAL – 504: Complex Analysis-II

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Learn about spaces of analytic functions, Riemann mapping theorem, Gamma functions and its properties.
2. Demonstrate the idea of Harnack Inequality, Dirichlet region, Green function and its properties.
3. Understand the concept of entire function, their factorization, order and exponent of convergence.
4. Know how big the range of an entire function, proof of Picard and related theorems.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Spaces of analytic functions, Hurwitz's theorem, Montel's theorem, Riemann mapping theorem, Weierstrass factorization theorem, Gamma function and its properties, Riemann Zeta function, Riemann's functional equation. Runge's theorem.

Unit -II

Analytic continuation, uniqueness of direct analytic continuation, uniqueness of analytic continuation along a curve, power series method of analytic continuation, Monodromy theorem and its consequences, harmonic function on a disk, Harnack's inequality and theorem, Dirichlet problem, Green's functions.

Unit -III

Canonical products, Jensen's formula, Poisson-Jensen formula, Hadamard's three circles theorem, order of an entire function, exponent of convergence, Borel's theorem, Hadamard's factorization theorem.

Unit- IV

The range of an analytic function, Bloch's theorem, the little Picard theorem, Schottky's theorem, Montel Caratheodory and the Great Picard theorem. univalent functions, Bieberbach's conjecture (Statement only) and the " $\frac{1}{4}$ theorem" (Statement only).

References:

1. H.A. Priestly, Introduction to Complex Analysis, Clarendon Press Oxford, 1990.
2. J.B. Conway, Functions of one Complex variable, Springer-Verlag, International Student-Edition, Narosa Publishing House, 1980.
3. L.V. Ahlfors, Complex Analysis, McGraw-Hill, 1979.
4. Mark J. Ablowitz and A.S. Fokas, Complex Variables: Introduction and Applications, Cambridge University Press, South Asian Edition, 1998.
5. S. Ponnusamy, Foundations of Complex Analysis, Narosa Publishing House, 1997.
6. J.W. Brown and R.V. Churchill, Complex variable and Applications, McGraw Hill.



M.Sc. (Mathematics) 2nd Semester w.e.f. 2023-2024
MAL - 506: MATHEMATICAL STATISTICS

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand probability, random variables, distribution functions, mathematical expectation, moments, moment generating function and characteristic function.
2. Learn detailed theory of probability distributions : Binomial, Poisson, Geometric, Uniform and Exponential.
3. Learn theory of Normal, Gamma, T, F and Chi-square distribution.
4. Understand the concept of correlation and regression.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Sample spaces, random variables, distribution and density distribution function, marginal and conditional distribution, mathematical expectation, moments, moment generating function, cumulants, cumulants generating function, characteristic function,

Unit-II

Probability distributions: Binomial, Poisson, Geometric, Uniform and Exponential distributions.(Detailed Theory)

Unit -III

Normal distribution, Gamma distribution, T, F and Chi-square distribution as sampling distributions, Weak law of large numbers, Central limit theorem.

Unit -IV

Correlation: Karl Pearson coefficient of correlation, rank correlation, partial and multiple correlation and their coefficients, Yules notations.

Regression: lines of regression, regression curves, regression coefficients and its properties, angle between two lines of regression, plane of regression

References:

1. R.V.Hogg&A.T.Craig:Introduction to Mathematical Statistics, Amerind Pub.Co.Pvt.Ltd.New Delhi,1972
2. S.C. Gupta and V.K Kapoor, Fundamentals of Mathematical Statistics, S. Chand & Sons, Educational Pub., New Delhi
3. Schaum series outlines, Mathematical Statistics.

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M.Sc. (Mathematics) 2nd Semester w.e.f. 2023-2024
MAL - 508: ORDINARY DIFFERENTIAL EQUATIONS-II

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Learn about system of linear differential equations of first order and its preliminary concepts, homogeneous and non-homogeneous linear systems, existence and uniqueness theory, fundamental matrix, theory of adjoint systems, linear systems with constant coefficients and with periodic coefficients.
2. Have deep understanding of theory of non-linear differential equations, classification of critical points- Rotation points, Nodes, Saddle points. Also stability and unstability of critical points.
3. Learn about Liapunov function, Bendixson non-existence theorem, statement of Poincare-Bendixson theorem, index of a critical point.
4. To be familiar with problems of calculus of variations.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Linear systems, fundamental set and fundamental matrix of a homogeneous system, Wronskian of a system, method of variation of constants for a non-homogeneous system, reduction of the order of a homogeneous system, systems with constant coefficients, adjoint systems, periodic solutions, Floquet theory for periodic systems (Relevant topics from the book by Coddington and Levinson).

Unit -II

Nonlinear differential equations, plane autonomous systems and their critical points, classification of critical points-rotation points, foci, nodes, saddle points, stability, asymptotical stability and unstability of critical points, almost linear systems, Simple Critical points, dependence on a parameter.

Unit -III

Liapunov function, Liapunov's method to determine stability for non-linear systems, limit cycles, Bendixson non-existence theorem, statement of Poincare-Bendixson theorem, index of a critical point (Relevant topics from the books of Birkhoff & Rota, and by Ross).

Unit -IV

Motivating problems of calculus of variations, shortest distance, minimum surface of revolution, Brachistocrone problem, isoperimetric problem, geodesics, Fundamental lemma of calculus of variations, Euler's equation for one dependent function and generalization to n

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dependent functions and to higher order derivatives, conditional extremum under geometric constraints and under integral constraints. (Relevant topics from the book Gelfand and Fomin).

References

1. E.A. Coddington and N. Levinson. Theory of Ordinary Differential Equations, McGraw Hill, NY, 1955.
2. G. Birkhoff and G.C. Rota, Ordinary Differential Equations, John Wiley and Sons, NY, 1978.
3. S.L. Ross. Differential Equations, John Wiley and Sons inc., NY, 1984.
4. J.M. Gelfand and Fomin, S.V., Calculation of variations, Prentice hall, new Delhi, 1963.
5. W.E. Boyce and R.C. DiPrima, Elementary Differential Equations and Boundary Value Problems, John Wiley and Sons Inc., NY, 1986.
6. Philip Hartman, Ordinary Differential Equations, John Wiley & Sons, NY, 1964.

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M.Sc. (Mathematics) 2nd Semester w.e.f. 2023-2024
MAL -510: METHODS OF APPLIED MATHEMATICS

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand the concept of Fourier series, Fourier integral and Fourier transform.
2. Learn about curvilinear coordinates: co-ordinate transformation, orthogonal co-ordinates, cylindrical and spherical co-ordinates.
3. Knowledge of Mellin and Hankel transformation.
4. Asymptotic approximation: order notation, definition of asymptotic sequence, expansions and series.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Fourier Transforms: Definition and properties, Fourier transform of some elementary functions, convolution theorem, application of Fourier transforms to solve ordinary & partial differential equations.

Unit -II

Curvilinear co-ordinates: Co-ordinate transformation, orthogonal co-ordinates, Grad, Div, Curl, Laplacian in orthogonal co-ordinates, cylindrical and spherical co-ordinates, expressions for velocity and accelerations, ds , dv and ds^2 in orthogonal co-ordinates, areas, volumes and surface areas in cartesian, cylindrical & spherical co-ordinates, contravariant and co-variant components of a vector, metric coefficients & volume elements.

Unit -III

Mellin Transforms: Elementary properties, Mellin Transforms of derivatives and integrals, Inversion and Convolution theorem, solution of some integral equation, Hankel Transforms: Elementary properties, Inversion theorem, Hankel Transforms of derivatives and some elementary function, relation between Fourier and Hankel transform, asymptotic methods-introduction, asymptotic analysis of sums.

Unit-IV

Asymptotic approximation: Order notation, definition of asymptotic sequence, expansions and series, integration by parts and Watson Lemma, Laplace Method of steepest descent with examples.

References:

1. I.N Sneddon., The Use of Integral Transforms, McGraw Hill, 1972.
2. Murray and R.Spiegel, Vector Analysis, Schaum's Series.



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M.Sc. (Mathematics) 2nd Semester w.e.f. 2023-2024
MAL-512: PROGRAMMING WITH FORTRAN (Lab)

L T P
0 0 4(02 Credits)

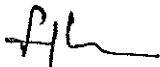
Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Implement selective structures and repetitive structure in programs using different control statements.
2. Using FORTRAN find solution of ODE and simultaneous linear algebraic equations.
3. Program to find transpose of a matrix and matrix multiplication.
4. Program using numerical methods .

List of programs using FORTRAN:

1. Program using logical if and block if statements.
2. Program using arithmetic if and nested logical if statement .
3. Program to find maximum, minimum and range of given set of numbers.
4. Program to find out the roots of quadratic equation.
5. Program to find average, S.D. of given numbers.
6. Program to sort marks of N students in ascending order.
7. Program to generate natural (even/odd) numbers between given limits.
8. Program to compute product of two matrices.
9. Program to solve numerical integration by trapezoidal rule.
10. Program to solve numerical integration by simpson's rule.
11. Program using least square curve fitting method.
12. Program to solve differential equations using numerical differentiation.
13. Program to calculate simple interest .
14. Program using statement function and subprograms.
15. Program to generate table of any number.
16. Program to solve simultaneous equations using Gauss elimination method.
17. Program to solve simultaneous equations using Gauss-Jordan Method.
18. Program to solve differentiation by Lagrange's interpolation.
19. Program to generate Fibonacci series.
20. Program to find factorial of a number.



M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025
MAL -601: MEASURE AND INTEGRATION THEORY

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Know about Lebesgue measurable functions, their properties and apply the knowledge to prove Egoroff's theorem, Lusin's theorem and F.Riesz theorem.
2. Understand the requirement and the concept of the Lebesgue integral along its properties.
3. Proof of theorems : Monotone convergence theorem, Lebesgue convergences theorem.
4. To be familiar with the function of bounded variation and absolutely continuous function.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit – I

Measurable functions and their equivalent formulations, properties of measurable functions, approximation of measurable functions by sequences of simple functions, measurable functions as nearly continuous functions, Egoroff's theorem, Lusin's theorem, convergence in measure and F. Riesz theorem for convergence in measure, almost uniform convergence.

Unit – II

Shortcomings of Riemann Integral, Lebesgue Integral of a bounded function over a set of finite measure and its properties, Lebesgue integral as a generalization of Riemann integral, Bounded convergence theorem, Lebesgue theorem regarding points of discontinuities of Riemann integrable functions.

Unit – III

Integral of non-negative functions, Fatou's Lemma, Monotone convergence theorem, General Lebesgue Integral, Lebesgue convergences theorem. Vitali's covering Lemma, Differentiation of monotonic functions.

Unit – IV

Functions of bounded variation and its representation as difference of monotonic functions, differentiation of indefinite integral, Fundamental Theorem of Calculus, absolutely continuous functions and their properties.

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References:

1. Walter Rudin, Principles of Mathematical Analysis (3rd edition) McGraw-Hill, Kogakusha, 1976, International Student edition.
2. T.M.Apostol, Mathematical Analysis, Narosa Publishing House, New Delhi, 1985.
3. P.K. Jain and V.P. Gupta, Lebesgue Measure and Integration, New Age International (P) Limited Published, New Delhi, 1986 (Reprint 2000)
4. H.L. Royden, Real Analysis, Macmillan Pub. Co. Inc. 4th Edition, New York, 1993.
5. Walter Rudin, Real and Complex Analysis, Tata McGraw Hill Publishing Co. Ltd., New Delhi, 1966.

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M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025

MAL - 603: TOPOLOGY

L T P
4 0 0(4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Know about topological spaces, understand neighbourhood system of a point and its properties, interior, closure, boundary, limit points of subsets and base and subbase of topological spaces; apply the knowledge to solve relevant exercises.
2. Understand about continuity and connectedness.
3. Learn about first and second countable spaces, separable, separation axioms and their properties.
4. Know about compactness in topological spaces and apply the knowledge to prove specified theorems.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Definition and examples of topological spaces, neighborhoods, interior point and interior of a set, closed set as a complement of an open set, adherent point and limit point of a set, closure of a set, derived set, properties of closure operator, boundary of a set, dense subsets, interior, exterior and boundary operators.

Base for a topology, neighbourhood system of a point and its properties, base for neighbourhood system, relative (Induced) topology, alternative methods of defining a topology in terms of neighbourhood system and intersection and union of topologies on a set.

Unit-II

Continuous functions, open and closed functions, homeomorphism, connectedness and its characterization, connected subsets and their properties, continuity and connectedness, connectedness spaces, components, locally connected spaces.

Unit- III

First and second countable spaces, separable spaces, separation axioms, T_0 , T_1 and T_2 spaces their characterization and basic properties, regular and normal spaces, T_3 and T_4 spaces, complete regularity and complete normality, $T_{3\frac{1}{2}}$ and T_5 spaces.

Unit - IV

Compact spaces and subsets, Compactness in terms of finite intersection property, Continuity and compact sets, Basic properties of compactness, Closedness of compact subset and a continuous map from a compact space into a Hausdorff space and its consequence.

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References:

1. W.J. Pervin, Foundations of General Topology, Academic Press Inc. New York, 1964.
2. J.L. Kelley, General Topology, Van Nostrand, Reinhold Co., New York, 1955.
3. James R Munkres, Topology, A First Course, Prentice Hall of India Pvt. Ltd., New Delhi, 2000.
4. George F. Simmons, Introduction to Topology and Modern Analysis, McGraw-Hill,
5. J. Dugundji, Topology, Allyn and Bacon, 1966 (Reprinted in India by Prentice Hall Of India Pvt. Lt.).

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M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025
MAL-605: MECHANICS OF SOLIDS-I

L T P
4 0 0 (4 Credits)

Marks of External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand the concept of tensors as a generalized form of directional entities and to explore their properties through the operations of algebra and calculus. Be familiar with affine transformation and infinitesimal deformation.
2. Analyse the basic properties of strain component, their transformations and Saint-Venant's equations of Compatibility.
3. Analyse the basic properties of stress component and their transformations.
4. Demonstrate generalized Hooke's Law for 3-D elastic solid which provide the linear relationship between stress and strain components.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Cartesian Tensor: Coordinate transformation, cartesian tensor of different order, sum or difference and product of two tensors, contraction theorem, quotient law, symmetric & skew-symmetric tensors, Kronecker tensor, alternate tensor and relation between them, scalar invariant of second order tensor, eigen values & vectors of a symmetric second order tensor, gradient, divergence & curl of a tensor field.

Unit -II

Analysis of Strain : Affine transformations, infinitesimal affine deformation, geometrical interpretation of the components of strain, strain quadric of Cauchy, principal strains and invariants, general infinitesimal deformation, Saint- Venant's equations of compatibility.

Unit-III

Analysis of Stress: Stress tensor, equations of equilibrium, transformation of coordinates, stress quadric of Cauchy, principal stress and invariants, maximum normal and shear stresses.

Unit- IV

Equations of Elasticity: Generalized Hooke's law, homogeneous isotropic media, elastic moduli for isotropic media, equilibrium and dynamic equations for an isotropic elastic solid. strain energy function and its connection with Hooke's law, Beltrami-Michell compatibility equations, Saint- Venant's principle.

Reference:

1. I.S. Sokolnikoff, Mathematical Theory of Elasticity, Tata McGraw Hill Publishing Company Ltd., New Delhi, 1977.
2. Shanti Narayan, Text Book of Cartesian Tensors, S. Chand & Co., 1950.
3. S. Timoshenko and N. Goodier, Theory of Elasticity, McGraw Hill, New York, 1970.

M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025
MAL -607: ANALYTIC NUMBER THEORY (elective)

L T P
4 0 0 (4 Credits)

Marks of External Exam: 80
Marks of Internal Exam : 20
Total Marks : 100
Time : 3 Hours

Course outcomes

1. Know about the classical results related to prime numbers and get familiar with the irrationality of e and π .
2. Learn about Riemann Zeta function and its convergence.
3. To be familiar with Euler's Summation formula and average order of arithmetical function.
4. To be familiar with Chebyshev's functions, Shapiro's Tauberian theorem and its applications.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

UNIT-I

Primes in certain arithmetical progressions, Fermat numbers and Mersenne numbers, approximation of irrational numbers by rationals, Hurwitz's theorem, irrationality of e and π , system of linear congruences, Chinese Remainder Theorem, Quadratic residues and non-residues, Legendre's Symbol, Gauss Lemma and its applications, Quadratic Law of Reciprocity, Jacobi's Symbol.

UNIT-II

Riemann Zeta Function $\xi(s)$ and its convergence, application in prime numbers, $\xi(s)$ as Euler's product, evaluation of $\xi(2)$ and $\xi(2k)$, Dirichlet series with simple properties, Dirichlet series as analytic function and its derivative, Eulers products, introduction to modular forms.

UNIT-III

Euler's summation formula and some elementary asymptotic formula, average order of the arithmetical functions $d(n)$, $\sigma_\alpha(n)$, $\phi(n)$, $\mu(n)$ and $\Lambda(n)$, partial sums of a Dirichlet product and their application to $\mu(n)$ and $\Lambda(n)$.

UNIT-IV

Chebyshev's functions $\Psi(x)$ and $\psi(x)$ and relation between $\psi(x)$ and $\pi(x)$, Shapiro's Tauberian theorem and its applications, partial sums of the Mobius function, Selberg's asymptotic formula.

References:

1. T.M. Apostol. Introduction to Analytic number theory (Narosa Publishing House 1980).
2. T.M. Apostol. Modular functions and Dirichlet series in Number Theory (Springer-Verlag 1976).
3. J.P. Serre. A Course in Arithmetic G.T.M. Vol.7 (Springer Verlag 1973).

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M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025
MAL -609: OPERATIONS RESEARCH (elective)

L T P
4 0 0 (4 Credits)

Marks of External Exam: 80
Marks of Internal Exam : 20
Total Marks : 100
Time : 3 Hours

Course outcomes

1. Identify and develop operations research , its origin, defination, scope and linear programming.
2. Solve various linear programming transportation, assignment, queuing, inventory and game problems related to real life.
3. Learn about the concept of Stochastic processes and Queuing model.
4. To be familiar with Inventory control models and Game theory .

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit – I

Operations Research : Origin, defination and scope.

Linear programming : Formulation and solution of linear programming problems by graphical and simplex methods, Big-M and two-phase methods, degeneracy, duality in linear programming.

Unit – II

Transportation Problems: Basic feasible solutions, optimum solution by stepping stone and modified distribution methods, unbalanced and degenerate problems, transshipment problem.

Assignment problems : Hungarian method, unbalanced problem, case of maximization, travelling salesman and crew assignments problems.

Unit – III

Concepts of stochastic processes, poisson process, birth-death process, Queuing models: Basic components of queuing system, steady-state solution of Markovian queuing models with single and multiple servers (M/M/1, M/M/C, M/M/1/K, M/MC/K).

Unit-IV

Inventory control models: Economic order quantity(EOQ) model with uniform demand, EOQ when shortages are allowed, EOQ with uniform replenishment, inventory control with price breaks.

Game theory : Two person zero sum game, game with saddle points, the role of dominance; algebric, graphical and linear programming methods for solving mixed strategy games.

References:

1. H.A. Taha, Operation Research- An introduction, Printice Hall of India.
2. P.K. Gupta and D.S. Hira. Operations Research, S. Chand and Co.
3. S.D. Sharma, Operation Research, KedarNath Ram Nath Publications.
4. J.K. Sharma, Mathematical model in Operation Research, Tata McGraw Hill.

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M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025
MAL- 611: FLUID MECHANICS (elective)

L T P
4 0 0 (4 Credits)

Marks of External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Description of fluid, stream line, path line and streak lines and stream tube.
2. Understand Equation of Motion of sphere ,sources, sinks and doublets and flows under different boundary conditions.
3. Irrotational motion in two dimensions, stream functions and complex velocity potentials.
4. Learn about conformal mapping ,vortex motion and its elementary properties.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Kinematics of fluid, Lagrangian and Eulerian methods, stream lines, path lines, streak lines, velocity potential, irrotational and rotational motions. vortex lines, equation of continuity, Lagrangian and Eulerian approach, Euler's equation of motion, Bernoulli's theorem, Kelvin circulation theorem, Vorticity equation, energy equation for an incompressible flow.

Unit-II

Boundary conditions, kinetic energy of liquid, axially symmetric flows, motion of a sphere through a liquid at rest at infinity, liquid streaming past a fixed sphere, equation of motion of a sphere, sources, sinks and doublets, images in a rigid impermeable infinite plane and in impermeable spherical surfaces.

Unit-III

Two-dimensional irrotational motion produced by motion of circular, co-axial and elliptic cylinders in an infinite mass of liquid, stream functions, stokes stream functions, complex velocity potential.

Unit- IV

Conformal mapping, Milne-Thomson circle theorem, Blasius theorem, vortex motion and its elementary properties, Kelvin's proof of permanence, motion due to rectilinear vortices.

Reference:

1. W.H. Besaint and A.S. Ramsey, A Treatise on Hydromechanics, Part II, CBS Publishers, Delhi, 1988.
2. F. Chorlton, Textbook of Fluid Dynamics, C.B.S. Publishers, Delhi, 1985.
3. S.W. Yuan, Foundations of Fluid Mechanics, Prentice Hall of India Private Limited, New Delhi, 1976.
4. M.E.O'Neil and F.Choriton, Ideal and Incompressible Fluid Dynamics, John Wiley & Son.

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M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025
MAL- 613: ADVANCED DISCRETE MATHEMATICS (elective)

L T P
4 0 0(4 credits)

Marks for External exam	: 80
Marks for Internal exam	: 20
Total	: 100
Time	: 3 hours

Course Outcomes:

1. Ability to apply Recurrence relations and generating functions.
2. Understand Hasse diagram, Logics and Lattices.
3. Learn about Boolean Algebra and its basic properties.
4. To be familiar with Graphs and Trees.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit – I

Recurrence relations, explicit formula for a sequence, solution of recurrence relations, homogeneous recurrence relations with constant coefficients, particular solution of a difference equation, recursive functions, generating functions, convolution of numeric functions, solution of recurrence relations by the method of generating function.

Unit – II

The Pigeonhole Principle, partially ordered sets, Hasse diagram, Logics: Basic logical operations, logical equivalence involving Tautologies and Contradictions, conditional propositions, quantifiers, Lattices: Properties of lattices, lattices as algebraic system, lattice isomorphism, bounded, complemented and distributive lattices.

Unit – III

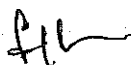
Definitions and basic Properties of Boolean Algebra, Representation Theorem, Boolean expressions, logic gates and circuits, Boolean function, method to find truth table of a Boolean function, Karnaugh map, expressing Boolean functions as Boolean polynomials, addition of binary digits, half – adder, full Adder.

Unit – IV

Graphs: Basic concepts and types of graphs, paths and circuits, Eulerian circuits, Hamiltonian Circuits, Matrix Representation of graphs, planar Graphs, Trees: Definition, and characterization of Trees Representation of Algebraic expressions by binary trees, spanning tree of a graph, shortest path problem, Minimal spanning tree, tree Searching.

References:

1. Discrete Mathematics by Kolenman, Busby & Rose, Pearson's Publication
2. Discrete Mathematical Structures by C.L. Liu, Pearson's Publication
3. Discrete Mathematics by Babu Ram, Pearson's Education, 2011



M.Sc. (Mathematics) 3rd Semester w.e.f. 2024-2025
MAP - 615: MATLAB

L T P
0 0 4 (02 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Know the basic concept of MATLAB Software.
2. Understand the procedure, algorithm and concepts required in solving specific problems.
3. Solve different types of mathematical problems and draw various types of graph using MATLAB.
4. Various Programs using Toolbar.

List of programs using MATLAB

1. As a calculator
2. Roots of quadratic equation using command window
3. Numerical solutions of equations (single variable)
4. Coefficient of friction in each test and find average of it
5. Numerical solution of simultaneous linear algebraic equations
6. Numerical solution of ordinary differential equation
7. Numerical Solution of second order ordinary differential equations
8. Create a matrix and find its transpose, inverse and determinant
9. To find eigen value and eigen vector of given matrix.
10. Create a matrix using zeroes, ones, eye and linspace commands and an another vector, then replace a particular row or column by the 5th root corresponding to that vector.
11. Using input and disp command
12. Showing vectorized role of fprintf command.
13. Plotting a function and its first three derivatives on same plot/ figure.
14. Hold on and hold off command
15. Plot light intensity vs. distance using label, title, axis text, legend etc. commands.
16. Find the sum of the first n terms of the series $\sum_{k=1}^n (-1)^k K/2^k$ using loop. Execute the script file for given n.
17. Using nesting loop and conditional statement.
18. Write a function file for given function then use it.
19. To find subtraction; multiplication & division operation for given two polynomials.
20. To find roots & derivatives of given polynomial.
21. Program on curve fitting
22. Find minimum & maximum value for given function.

Note: Out of the list as above, a student has to perform at least 15 (fifteen) programs in the semester. Five more programs can be done of their own choice.

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M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAL -602: FUNCTIONAL ANALYSIS

L T P
4 0 0(4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand the concept of bounded linear transformation, equivalent formulation of continuity and spaces of bounded linear transformation.
2. Extend a linear functional under suitable conditions; apply the knowledge to prove Hahn Banach Theorem for further application to bounded linear functionals on $C[a,b]$; know about adjoint of operators; understand reflexivity of a space and demonstrate understanding of the statement and proof of uniform boundedness theorem.
3. Learn the properties of compact operators.
4. Understand totality of orthonormal sets and sequences; represent a bounded linear functional in terms of inner product.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Normed linear spaces, metric on normed linear spaces, Holder's and Minkowski's inequality, completeness of quotient spaces of normed linear spaces, completeness of I_p , L^p , R^n , C^n and $C[a,b]$, bounded linear transformation, equivalent formulation of continuity, spaces of bounded linear transformation, continuous linear functional, conjugate spaces.

Unit-II

Fundamental Theorems, Hahn Banach extension theorem (Real and Complex form) Riesz representation theorem for bounded linear functional on L^p and $C[a,b]$ and their consequences, second conjugate spaces, reflexive spaces, uniform boundedness principle and its consequence, open mapping theorem and its application, projections, closed graph theorem equivalent norms.

Unit-III

Compact operators and its relation with continuous operators, compactness of linear transformation on a finite dimensional space, properties of compact operators, compactness of the limit of the sequence of compact operators, fixed point, Banach Contraction Principle and its application to solve matrix equation, differential equations.

Unit-IV

Inner product spaces, Hilbert spaces, Schwarz's inequality, Hilbert space as normed linear space, convex sets in Hilbert spaces, Projection theorem, orthonormal systems and Gram-Schmidt Orthogonalization Process, Bessel's inequality, Parseval's identity, conjugate of a Hilbert space, Riesz representation theorem for continuous functional on a Hilbert space.



References:

1. E. Kreyszig, Introductory Functional Analysis with Applications, John Wiley & Sons, New York, 1978.
2. A.E. Taylor, Introduction to Functional Analysis, John Wiley and Sons, New York, 1958.
3. K. Yosida, Functional Analysis, 3rd edition Springer Verlag, New York, 1971.
4. Walter Rudin, Functional Analysis, Tata McGraw Hill Publishing Company Ltd., New Delhi, 1973.
5. A.H.Siddiqi, Khalil Ahmad, P. Manchanda, Introduction to Functional Analysis with Applications, Anamaya Publishers, New Delhi.

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M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAL -604: INTEGRAL EQUATIONS

L T P
4 0 0 (4 Credits)

Marks for External Exam :80
Marks of Internal Exam :20
Total Marks :100
Time :3 Hours

Course outcomes

1. Understand the concept of integral equations to identify different constituents to classify them and to apply the eigen-system method for solving the Fredholm type with separable kernel.
2. Derive procedures for iterative methods to solve integral equations of both Fredholm and Volterra types without restricting the kernel to be separable and proving specific theorems of Fredholm's theory.
3. Symmetric kernel, Complex Hilbert Space and Hilbert Schmidt Theorem.
4. Understand the concept of Green's function and Modified Green's function.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Definitions of Integral Equations and their classification, relation between integral and differential equations, Fredholm integral equations of second kind with separable kernels, Eigen Values and Eigen functions, reduction to a system of algebraic equations, An approximate method of successive approximations, Iterative scheme, condition of convergence and uniqueness of series solution, Resolvent kernel and its results, Fredholm theorems.

Unit-II

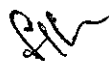
Solution of Volterra's integral equations by iterative scheme: Successive approximation, Resolvent kernel. Integral transform methods: Fourier transform, Laplace transform, Convolution integral, Application to Volterra integral equations with Convolution type kernels, Abel's equations.

Unit-III

Symmetric kernel, Complex Hilbert space, Orthonormal system of functions, Fundamental properties of eigen values and eigen functions for symmetric kernels. Expansion in eigen function and bilinear form, Hilbert Schmidt theorem, Solution of integral equations with symmetric kernels Singular Integral Equations - Inversion formula for singular integral equation with kernel of type $(h(s) - h(t) - a, 0 < a < 1)$.

Unit-IV

Dirac Delta Function. Green's function approach to reduce boundary value problems of a self-adjoint differential equation with homogeneous boundary conditions to integral equation forms. Auxiliary problem satisfied by Green's function. Modified Green's function.



Reference:

1. R.P. Kanwal, Linear Integral Equation. Theory and Techniques, Academic Press, New York, 1971.
2. S.G. Mikhlin, Linear Integral Equations (translated from Russian), Hindustan Book Agency, 1960.
3. Abdul J. Jerri, Introduction to Integral Equations with Applications.
4. Hildebrand. F.B - Method of Applied Mathematics

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M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAL 606: MECHANICS OF SOLIDS-II

L T P
4 0 0(4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Two-dimensional problems: Plane stress, Airy stress.
2. Learn about spring & dashpot, Maxwell & Kelvin models, three parameter solid.
3. Understand torsion and waves.
4. Solution of Euler's equation by Ritz, Galerkin and Kantorovich methods.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Two-dimensional Problems: Plane stress, generalized plane stress, airy stress function, general solution of Biharmonic equation, stresses and displacements in terms of complex potentials, the structure of functions of $\phi(z)$ and $\psi(z)$, first and second boundary value problems in plane elasticity, thick-walled tube under external and internal pressures.

Unit-II

Viscoelasticity: Spring & Dashpot, Maxwell & Kelvin Models, Three parameter solid, correspondence principle & its application to the deformation of a viscoelastic. Thick-walled tube in plane strain.

Unit-III

Torsion: Torsion of cylindrical bars, torsional rigidity, torsion and stress functions, lines of shearing stress, simple problems related to circle, ellipse and equilateral triangle.
Waves: Propagation of waves in an isotropic elastic solid medium, waves of dilatation and distortion, plane waves, elastic surface waves such as Rayleigh and Love waves.

Unit-IV

Variational methods - Theorems of minimum potential energy, theorems of minimum complementary energy, Reciprocal theorem of Betti and Rayleigh, Deflection of elastic string, central line of a beam and elastic membrane, solution of Euler's equation by Ritz, Galerkin and Kantorovich methods.

References

1. I.S. Sokolnikoff, Mathematical Theory of Elasticity, Tata McGraw Hill Publishing Company Ltd., New Delhi.
2. Y.C. Fung, Foundations of Solid Mechanics, Prentice Hall, New Delhi.
3. S. Timoshenko and N. Goodier, Theory of Elasticity, McGraw Hill, New York.
4. W. Flugge, Viscoelasticity, Springer VerL.



M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAL 608: ALGEBRAIC CODING THEORY (elective)

L T P
4 0 0(4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Understand group codes, matrix encoding techniques, polynomial codes and Hamming codes.
2. Have deep understanding of finite fields, BCH codes
3. Learn about linear codes, cyclic codes, self-dual binary cyclic codes and MDS codes.
4. Learn about Hadamard matrices and Hadamard codes.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit – 1

Block codes, minimum distance of a code, decoding principle of maximum likelihood, binary error detecting and error correcting codes, group codes, minimum distance of a group code $(m, m+1)$ parity check, double and triple repetition codes, matrix codes, generator and parity check matrices, dual codes, polynomial codes, exponent of a polynomial over the binary field, binary representation of a number, Hamming codes, minimum distance of a Hamming code. (Chapter 1,2,3 of the book given at Sr. No.1).

Unit – II

Finite fields, construction of finite fields, primitive element of a finite field, irreducibility of polynomials over finite fields, irreducible polynomials over finite fields, primitive polynomials over finite fields, automorphism group of $GF(q^n)$, normal basis of $GF(q^n)$, the number of irreducible polynomials over a finite field, the order of an irreducible polynomial, generator polynomial of a Bose- Chaudhary- Hocqhenghem codes (BCH codes) construction of BCH codes over finite field. (Chapter 4 of the book given at Sr. No. 1 and Section 7.1 to 7.3 of the book given at Sr. No.2)

Unit – III

Linear codes, generator matrices of linear codes, equivalent codes and permutation matrices, relation between generator and parity-check matrix of linear codes over a finite field, dual code of a linear code, self-dual codes, weight distribution of a linear code, weight enumerator of a linear code, Hadamard's transform, McWilliams identity for binary linear codes,

Maximum distance separable codes.(MDS codes), examples for MDS codes, characterization of MDS codes in terms of generator and parity check matrices, dual code of a MDS code, Reed Solomon codes.(Chapter 5&9 of the book at Sr. No. 1).

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Unit – IV

Hadamard matrices, existence of a Hadamard codes from Hadamard matrices cyclic codes, generator polynomial of a cyclic code, check polynomial of a cyclic code, equivalent code & dual code of a cyclic code, idempotent generator of a cyclic code, Hamming and BCH codes as cyclic codes, Perfect codes, The Gilbert-varsha-move and Plotkin bounds, Self dual binary cyclic codes.(Chapter 6&11 of the book given at Sr. No.1).

References:

1. L.R. Vermani: Elements of Algebraic coding theory (Chapman and Hall Mathematics)
2. Steven Roman: Coding and information Theory (Springer Verlag)

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M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAL -610: DIFFERENTIAL GEOMETRY (elective)

L T P
4 0 0(4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Can learn about the length and parameterization of curves, curvature and torsion .
2. Knows about Envelopes and edge of regression.
3. Knows the contents and the significance of the Curvilinear coordinates .
4. Understand about Geodesics, its equation and torsion.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Curves with torsion: Tangent, Principal Normal, Curvature, Binormal, Torsion, Serret Frenet formulae, Locus of centre of spherical Curvature.

Unit-II

Envelopes: Surfaces, Tangent plane, Normal Plane, Envelope, Characteristics, Edge of regression.

Unit-III

Curvilinear Co-ordinates: First order magnitude, Directions on a surface, Second order magnitudes, Derivative of unit normal, Principal directions and curvatures.

Unit-IV

Geodesics: Geodesics property, Equations of geodesics, Curvature and Torsion of a geodesics.

References:

1. C.E., Weatherburn, Differential Geometry of Three Dimensions.
2. Differential Geometry by Schaums Series



M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAL -612: ADVANCED FLUID MECHANICS (elective)

L T P
4 0 0(4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Be familiar with continuum model of fluid flow, classify fluid/flows, rotational and irrotational motion.
2. Deep knowledge about Dynamical similarity.
3. Understand the concept of Boundary layer flow : Prandtl's boundary layer, Boundary layer equations in two-dimensions, Blasius solution.
4. Analyse the wave motion in a gas: speed of sound, equation of motion of a gas, subsonic, sonic and supersonic flows of a gas.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit-I

Stress components in a real fluid, relations between rectangular components of stress, connection between stresses and gradients of velocity, Navier-Stoke's equations of motion, exact solution of Navier-Stoke's equations of motion- Couette flows and generalized Couette flow between two parallel plates, plane poiseuille flow, hagen poiseuille flow, flow through tubes of uniform cross section in form of circle, annulus, ellipse and equilateral triangle under constant pressure gradient, unsteady flow over a flat plate.

Unit-II

Dynamical similarity: Buckingham π -theorem, reynolds number, eckert number, froude number, application of pi- theorem to viscous and compressible fluid.

Unit-III

Boundary Layer Flow: Prandtl's boundary layer, boundary layer equations in two-dimensions, blasius solution, boundary layer thickness, displacement thickness, karman integral equations, separation of boundary layer flows.

Unit-IV

Wave motion in a gas: Speed of sound, equation of motion of a gas, subsonic, sonic and supersonic flows of a gas, isentropic gas flows, flow through a nozzle.

References:

1. F. Chorlton, Textbook of Fluid Dynamics, C.B.S. Publishers, Delhi, 1985.
2. H. Schlichting, Boundary Layer Theory, McGraw Hill Book Company, New York, 1979.
3. A.D. Young, Boundary Layers, AIAA Education Series, Washington DC, 1989.
4. S.W. Yuan, Foundations of Fluid Mechanics, Prentice Hall of India Private Limited, New Delhi, 1976.

M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAL 614: PARTIAL DIFFERENTIAL EQUATION (elective)

L T P
4 0 0(4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Apply a range of techniques to find solutions of standard Partial Differential Equations (PDE).
2. Demonstrate capacity to model physical phenomena using PDE's (in particular using the heat and wave equations).
3. Demonstrate accurate and efficient use of methods to solve nonlinear first order PDE's.
4. Apply problem-solving using concepts and techniques from PDE's and Fourier analysis applied to diverse situations in physics, engineering, financial mathematics and in other mathematical contexts.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit -I

Solution of Partial Differential Equation. Transport equation-initial value problem, non homogeneous equation, Laplace equation-fundamental solution, mean value formulas, properties of harmonic functions, green function, energy methods.

Unit -II

Heat equation-fundamental solution, solution of initial value problems, non homogeneous equations, mean value formula. Wave Equation-solution by spherical means, non homogeneous equations, energy methods.

Unit -III

Nonlinear first order PDE- complete integrals, envelopes, characteristics, Hamilton Jacobi equations, Hamilton's ODE, Hopf-Lax formula, weak solutions, uniqueness.

Unit -IV

Representation of Solutions: Separation of variables, similarity solutions (Plain & Traveling waves solutions, Similarity under scaling), Fourier & Laplace transform, Hopf-Cole, Hodograph & Legendere transform, potential functions.

References:

1. L.C. Evans, Partial Differential Equations, Graduate studies in mathematics, Volume-19, AMS, 1998.
2. I.N. Sneddon, Elements of Partial Differential Equations, McGraw Hill international
3. An Introduction to Partial Differential Equation Yehuda Pinchover and Jacob Rubinstein, CAMBRIDGE University press 2005.

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M.Sc. (Mathematics) 4th Semester w.e.f. 2024-2025
MAP – 616: LATEX (Lab)

L T P
0 0 4(02 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course outcomes

1. Use the preamble of LaTeX file to define document class and layout options.
2. Use nested list and enumerate environments within a document.
3. Use tabular and array environments within LaTeX document.
4. Use BibTeX to maintain bibliographic information and to generate a bibliography for a particular document.

List of programs using LATEX

1. Tabular environment.
2. Create horizontal and vertical lines in table using LATEX commands
3. Multicolumn command.
4. Display role of cline command .
5. Math and math display mode .
6. Mathematical expression using some mathematical operation symbols .
7. Array environment.
8. Nesting array and tabular
9. Equation array and equation array star.
10. Role of nonumber command.
11. Nesting of array and tabular.
12. Framed equations using fbox command.
13. Signum and Dirichlet function.
14. Role of itemize environment.
15. Enumerate environment nesting of it.
16. Section and subsection.
17. Letter using LATEX.
18. Quote and quotation environments.
19. Role of display style.
20. Program using mbox command.
21. Write some equation using derivative and integral symbols.
22. Verse and Descriptive environment.

Note: Out of the list as above, a student has to perform at least 15 (fifteen) programs in the semester. Five more programs can be done of their own choice.

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Scheme and Syllabi of Examination
For
Pre-Ph. D. Course Work
In
Mathematics
(w. e. f. academic session 2023-2024)
Offered by
Department of Basic & Applied Sciences
Under
(Faculty of Science)



Bhagat Phool Singh Mahila Vishwavidyalaya
Khanpur Kalan (Sonapat), Haryana-131305

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Scheme and Syllabi of Examination
For
Pre-Ph.D. Course Work in Mathematics

With Effect from Academic Session 2023-2024.

Paper No.	Paper title	Teaching Scheme			Examination Scheme			Duration of Exam	Credit
		L	T	P	Internal Marks	External Marks	Total		
PPDL- 701	Research Methodology	4	0	0	20	80	100	3 Hours	4
PPDP- 703	Review of Literature and Seminar	0	0	0	20	80	100		4
	Elective-I	4	0	0	20	80	100	3 Hours	4
CPERPE-2203	Research and Publication Ethics	2	0	0	10	40	50	3 Hours	2
Total		10	----	0	70	280	350	-----	14

Electives:

(Students are required to take one elective Subject from the Group- A)

Group- A

1. PPDL-705: Continuum Mechanics
2. PPDL-707: Advanced Number Theory
3. PPDL-709: Advanced Differential Equations
4. PPDL-711: Poroelasticity
5. PPDL-713: Thermoelasticity
6. PPDL-715: Coding Theory

Note: Electives can be offered subject to availability of requisite resources/ faculty in the department.

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Programme Outcome

Students have /capable of

1. Undergone relevant (taught) courses required for undertaking specialized research.
2. Identifying unsolved yet relevant problem in a specific field.
3. Articulating ideas and strategies for addressing a research problem.
4. Undertaken original research on a particular topic.
5. Effectively research through journal publications and conference presentations to the Mathematics community.
6. Disseminating research to a broader audience.

Programme Specific Outcomes

1. Generate publications in reputed mathematical journals.
2. Provide scope for interaction with international researches and developing collaborations.
3. Demonstrate the highest standard of ethics in research.
4. Provide opportunities to research students for communication (and discussion) of advanced mathematical topics to undergraduate and postgraduate students.

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PPDL -701: Research Methodology

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course Outcomes:

1. Gain knowledge of quantitative methods and fundamentals of research methodology.
2. Application of computing skills and computer applications in research
3. Expertise in tools/software like LATEK, MATLAB, MS-Office and alike.
4. To familiarize the students with Power point presentation and Internet protocols.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

UNIT-I

Introduction of Research Methodology: Meaning of research, objectives of research, types of research, significance of research, research and scientific method, research process.

Research Problem: Definition, necessity and techniques of defining research problem. Formulation of research problem, Objectives of research problem.

UNIT-II

Scientific Communications: Publishing Research Papers: Selection of a journal, writing of paper's abstract, formulation of problem, discussion and references, submission and handling of reviewer's comment.

Writing of thesis: Format of a thesis; Review of literature, formulation, Writing methods, results, preparation of Tables, figures, writing discussion, writing conclusion, writing summary and synopsis, Reference citing and listing/Bibliography. Avoiding Plagiarism.

UNIT-III

Computer Applications in Research: Practical aspects of MATLAB, Introduction to LATEX.

MS Office 2007: Word Basics, Mail Merge, Macros, Math Type, Equation Editor

MS Excel 2007: Excel Basics, Data Sort, Functions.

UNIT-IV

Presentation: Poster and Oral. Presentation tools: Introduction to presentation tool, MS **Power Point:** features and functions, creating presentation, customizing presentation, showing presentation.

Web Search: Internet Basics, Internal Protocols, Pre-requisites, Search Engines, Searching Hints, Using advanced search techniques

Books Recommended:

1. Gurumani, N. (2010), Scientific Thesis Writing and Paper Presentation, MJP Publishers.
2. Kothari, C.R. (2010), Research Methodology (Methods and Techniques), New Age International Publishers.
3. Gerald, C.F. and Wheatley, P.O. (2002), Applied numerical analysis, 6th Edition, Addison Wesley.
4. Smith G.D. (1982), Numerical solution of partial differential equations, Oxford University Pres.
5. Schwartz H.R., Stiefel E & Rustishausar(1976), Numerical analysis of symmetric Matrices, Prentice Hal.

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PPDP -703: Review of Literature and Seminar

L T P
0 0 0 (4 Credits)

Marks for External Exam : 80

Marks for Internal Exam : 20

Total : 100

Course Outcome: At the end of course students will be able to explain the latest research done in the prescribed field.

Note: The candidates are required to submit a copy of Review of Literature of 25 research papers on the relevant research topic. The performance will be evaluated on the basis of submitted literature and the presentation given by the candidates before the evaluation committee.



PPDL- 705: Continuum Mechanics (Elective)

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course Outcome:

1. Student will be able to explain general solution of the equilibrium equations.
2. Understand about Seismic waves and their reflection & transmission.
3. Gain deep knowledge of viscoelasticity with different models.
4. To familiarize the students with fluid dynamics and flow problems.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit –I

General solution of the equilibrium equations: Papkovitch-Neuber solution, Lamé's strain potential, Galerkin Vector, Love's strain function, Applications to the solution of the Kelvin problem for an unbounded medium and the Boussinesq problem for a semi-infinite medium. Generalized Hooke's law including the effect of thermal expansion, Navier's equation, thermal stresses in a long circular cylinder

Unit –II

Seismic Waves: Field equations of linear elastodynamics, Plane waves in unbounded media, P, SV and SH waves of seismology, wave propagation in two dimensions, Surface waves- Love & Rayleigh waves, Reflection of P, SV, SH waves at a free boundary, Reflection and transmission of SH-waves at a solid-solid interface.

Unit –III

Viscoelasticity: Spring & Dashpot, Maxwell & Kelvin Models, Three parameter solid, Correspondence principle & its application to the deformation of a viscoelastic thick-walled tube in plane strain.

Unit –IV

Fluid Dynamics: Vector & tensor analysis in fluid dynamics, The idea and viscous fluid, Newtonian, generalized Newtonian and non- Newtonian fluids, Rheology of fluid, Constitutive laws, Conservation laws, Navier-Stokes, Couette flow, flow over a Flat Plate, Wedge flows, Hagen-Poiseuille flow. Boundary layer flow, similarity solution. Flow through porous media: Darcy, Brinkman and Forchheimer models. Heat transfer: Free convection through Vertical plate, horizontal plate, cylinders.

Books suggested:

1. Bath, M. : Mathematical Aspects of Seismology, Elsevier
2. Fung, Y.C. : Foundations of Solid Mechanics, Prentice Hall
3. Peter M. Shearer: Introduction to Seismology, Cambridge University Press
4. W. Flugge, Viscoelasticity, Springer Verlag.
5. Kundu, P.K. and Cohen I.M. (2004), Fluid Mechanics, 3rd Ed., academic Press.
6. Nield, A.D. and Bejan, A. (1999), Convection in Porous Media, Springer, Berlin.
7. Schlichting H. (1979), Boundary-layer theory, McGraw Hill International.
8. Sherman F.S. (1990), Viscous Flow, McGraw Hill International.
9. White F.M. (1991), Viscous Fluid Flow, McGraw Hill International.
10. Bullen, K.E. and A. Bolt: An Introduction to the Theory of Seismology, Cambridge University Press.

CPERPE-2203: Research and Publication Ethics

L T P
2 0 0 (2 Credits)

Marks for External Exam : 40
Marks for Internal Exam : 10
Total : 50
Time : 3 Hours

Course Outcomes:

1. The course aims to sensitize researchers regarding publication ethics and publication misconducts.

Note: The examiner is requested to set **eight** questions in all taking two questions from each unit. The candidate is required to attempt **four** questions selecting one from each unit.

Unit – I

Philosophy and Ethics: Introduction to philosophy: definition, nature and scope, concept, branches; Ethics: definition, moral philosophy, nature of moral judgements and reactions.

Scientific Conduct: Ethics with respect to science and research; Intellectual honesty and research integrity; Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP); Redundant publications: duplicate and overlapping publications, salami slicing; Selective reporting and misrepresentation of data

Unit - II

Publication Ethics: Publication ethics: definition, introduction and importance; Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.; Conflicts of interest;

Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types; Violation of publication ethics, authorship and contributorship; Identification of publication misconduct, complaints and appeals; Predatory publishers and journals Practice

Unit - III

Open Access Publishing : Open access publications and initiatives; SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies; Software tool to identify predatory publications developed by SPPU; Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester etc.

Publication Misconduct: Subject specific ethical issues, FFP, authorship; Conflicts of interest; Complaints and appeals: examples and fraud from India and abroad; Use of plagiarism software like Turnitin, Urkund and other open source software tools.



Unit - IV

Databases And Research Metrics : Databases - Indexing databases; Citation databases – Web of Science, Scopus, SCI, etc.; Research Metrics - Impact Factor of journal as per Journal Citation Report, SNIP, SIR, IPP, Cite Score; Metrics : h-index, g-index, i-index, Altmetrics journal database.

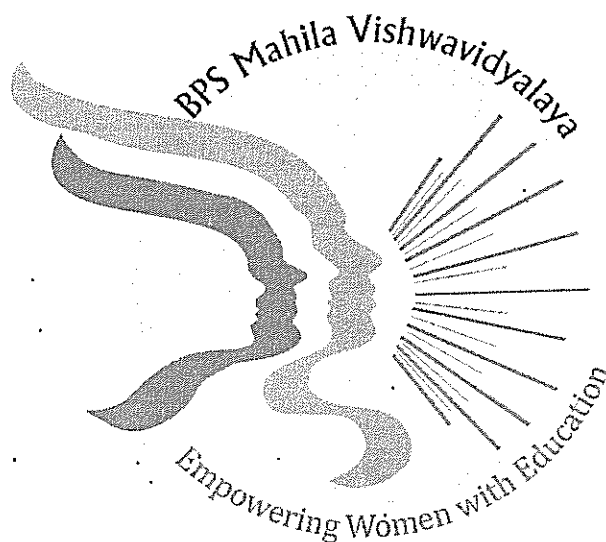
Suggested Readings:

1. Bird, A. (2006). Philosophy of Science, Routledge.
2. MacIntyre, Alasdair (1967) A Short History of Ethics, London.
3. P. Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN:978-9387480865
4. National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition, National Academies Press.
5. Resnik, D. B. (2011). What is ethics in research & why is it important. National Institute of Environmental Health Sciences, 1-10. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
6. Bcall, J. (2012). Predatory publishers are corrupting open access. Nature, 489(7415), 179-179. <https://doi.org/10.1038/489179a>
7. Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019), ISBN:978-81-939482-1-7. <http://www.insaindia.res.in/pdf/EthicsBook.pdf>

HL

Pre-Ph.D. Course Work in Physics (w. e. f. 2023-24)

Scheme and Syllabi of Examination
for
Pre-Ph. D. Course Work
in
Physics
(w. e. f. academic session 2023-2024)
Offered by
Department of Basic & Applied Sciences
Under
(Faculty of Science)



Bhagat Phool Singh Mahila Vishwavidyalaya
Khanpur Kalan (Sonapat), Haryana-131305
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fu

Programme Outcomes:

- Prepare and motivate the students to advance their research careers beyond a doctoral degree, pursue careers in academics and industries.
- Equip the students with such skills as to make them understand the properties of materials.
- Make the students understand that acquiring knowledge and skills appropriate to their professional activities is a never-ending process.
- Train-up the students in such a way that they can objectively carry out investigations, scientific and/or otherwise, without being biased or without having any preconceived notions.
- Enable the students to analyze problems starting from first principles, evaluate and validate experimental results, and draw logical conclusions thereof.
- As technology exploits the rules of Physics, students properly trained in physics research can be good value addition in the field of technology too.

Programme Specific Outcomes:

- Develop specialization in a particular area of physics research i.e. material science.
- Acquire an overall idea of the ongoing scientific research in and outside the country.
- Inculcate logical reasoning among the students and help them develop such skills as to quantitatively solve a problem.
- Mature as a researcher having reasonably good communication skills - ability to present scientific results and thoughts before an educated audience. Understand the mysteries of nature in terms of the fundamental principles, hypotheses and laws of Physics.
- Train the students over a wide range of experimental techniques that can be applied in physics, in other scientific and technological domains.
- Acquire some amount of knowledge regarding the overall scientific progress (chronological) so that the results of a particular problem can be placed under proper perspective.



• **Scheme and Syllabi of Examination**

For

Pre-Ph.D. Course Work in Physics

With Effect from Academic Session 2023-2024.

Paper No.	Paper title	Teaching Scheme			Examination Scheme			Duration of Exam	Credit
		L	T	P	Internal Marks	External Marks	Total		
PPDL- 701	Research Methodology	4	0	0	20	80	100	3 Hours	4
PPDP- 703	Review of Literature and Seminar	0	0	0	20	80	100	3 Hours	4
PPDL-705	Characterization Techniques	4	0	0	20	80	100	3 Hours	4
CPERPE-2203	Research and Publication Ethics	2	0	0	10	40	50	3 Hours	2
Total		10	----	0	70	280	350	-----	14

fpl

PPDL -701: Research Methodology

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course Outcomes:

1. Gain knowledge of quantitative methods and fundamentals of research methodology.
2. Application of computing skills and computer applications in research
3. Expertise in tools/software like LATEK, MATLAB, MS-Office and alike.
4. To familiarize the students with Power point presentation and Internet protocols.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

UNIT-I

Introduction of Research Methodology: Meaning of research, objectives of research, types of research, significance of research, research and scientific method, research process.

Research Problem: Definition, necessity and techniques of defining research problem. Formulation of research problem, Objectives of research problem.

UNIT-II

Scientific Communications: Publishing Research Papers: Selection of a journal, writing of paper's abstract, formulation of problem, discussion and references, submission and handling of reviewer's comment.

Writing of thesis: Format of a thesis; Review of literature, formulation, Writing methods, results, preparation of Tables, figures, writing discussion, writing conclusion, writing summary and synopsis, Reference citing and listing/Bibliography. Avoiding Plagiarism.

UNIT-III

Computer Applications in Research: Practical aspects of MATLAB, Introduction to LATEX.

MS Office 2007: Word Basics, Mail Merge, Macros, Math Type, Equation Editor

MS Excel 2007: Excel Basics, Data Sort, Functions.

UNIT-IV

Presentation: Poster and Oral. Presentation tools: Introduction to presentation tool, MS Power Point: features and functions, creating presentation, customizing presentation, showing presentation.

Web Search: Internet Basics, Internal Protocols, Pre-requisites, Search Engines, Searching Hints, Using advanced search techniques

Books Recommended:

1. Gurumani, N. (2010), Scientific Thesis Writing and Paper Presentation, MJP Publishers.
2. Kothari, C.R. (2010), Research Methodology (Methods and Techniques), New Age International Publishers.
3. Gerald, C.F. and Wheatley, P.O. (2002), Applied numerical analysis, 6th Edition, Addison Wesley.
4. Smith G.D. (1982), Numerical solution of partial differential equations, Oxford University Pres.
5. Schwartz H.R., Stiefel E & Rustishausar(1976), Numerical analysis of symmetric Matrices, Prentice Hal.

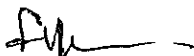
PPDP -703: Review of Literature and Seminar

L T P
0 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100

Course Outcome: At the end of course students will be able to explain the latest research done in the prescribed field.

Note: The candidates are required to submit a copy of Review of Literature of 25 research papers on the relevant research topic. The performance will be evaluated on the basis of submitted literature and the presentation given by the candidates before the evaluation committee.



PPDL- 705 (Physics): Characterization Techniques

L T P
4 0 0 (4 Credits)

Marks for External Exam : 80
Marks for Internal Exam : 20
Total : 100
Time : 3 Hours

Course Outcomes:

- To introduce the students about UV-Visible and FTIR spectral characterization.
- To develop knowledge about electric characterization of a material.
- To develop basic knowledge of structural and thermal characterization of material.
- To show overall knowledge of experimental techniques based on microscopy.

Note: The examiner is requested to set **nine** questions in all taking two questions from each unit and one **compulsory** question. The compulsory question will consist of four parts and will be distributed over the whole syllabus. The candidate is required to attempt **five** questions selecting one from each unit and the compulsory question.

Unit –I

Basic principle and instrumentation of UV-Vis. spectroscopy, determination of optical band gap and other optical parameters, basic principle of FTIR, brief idea of set, deconvolution of the peaks, analysis of the spectra based on peak position, FWHM of the vibrational modes. (case study of each technique)

Unit –II

Electrical characterization: two probe, four-probe and van-der pauw method for resistivity measurements, Hall effect experiment, dielectric characterization using impedance analyzer, electrochemical techniques: cyclic voltammetry(case study of each technique).

Unit –III

Brief review of crystal structure, X-ray diffraction methods, modern X-ray diffractometer, indexing of X-ray diffraction peaks, data analysis and interpretation, crystallite size and strain measurement in nanomaterials,

TGA and DSC/DTA: principle, practical aspects, experimental variables, data analysis and interpretation (case study of each technique)

Unit –IV

Basic principle of scanning Electron microscopy, brief idea of set up/components, different modes of SEM and its importance, basic principle of transmission electron microscopy, brief idea of set up, sample preparation, imaging modes: bright field imaging, dark field imaging, selected area electron diffraction etc. (case study of each technique)

Books suggested:

1. Evans, C., Brundle, R., & Wilson. S. (1992). Encyclopedia of Materials Characterization: Surfaces, Interfaces, Thin Films. Butterworth-Heinemann.
2. Leng, Y. (2013). Materials Characterization: Introduction to Microscopic and Spectroscopic Methods. Wiley-VCH.
3. Hummel, R.E. (2011). Electronic Properties of Materials. Springer.
4. Goldstein, J., Newbury, D.E., Joy, D.C., Lyman, C.E., Echlin, P., Lifshin, E., Sawyer, L., Michael, J.R. (2003). Scanning Electron Microscopy and X-Ray Microanalysis. Springer.
5. Cullity, B.D., & Stock, S.R. (2013). Elements of X-Ray Diffraction. Pearson.
6. Kaufmann, E.N. (2003). Characterization of Materials (Vol 1 & 2). John Wiley and Sons.

CPERPE-2203: Research and Publication Ethics

L T P
2 0 0 (2 Credits)

Marks for External Exam : 40
Marks for Internal Exam : 10
Total : 50
Time : 3 Hours

Course Outcomes:

1. The course aims to sensitize researchers regarding publication ethics and publication misconducts.

Note: The examiner is requested to set **eight** questions in all taking two questions from each unit. The candidate is required to attempt **four** questions selecting one from each unit.

Unit – I

Philosophy and Ethics: Introduction to philosophy: definition, nature and scope, concept, branches; Ethics: definition, moral philosophy, nature of moral judgements and reactions.

Scientific Conduct: Ethics with respect to science and research; Intellectual honesty and research integrity; Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP); Redundant publications: duplicate and overlapping publications, salami slicing; Selective reporting and misrepresentation of data

Unit - II

Publication Ethics: Publication ethics: definition, introduction and importance; Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.; Conflicts of interest;

Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types; Violation of publication ethics, authorship and contributorship; Identification of publication misconduct, complaints and appeals; Predatory publishers and journals Practice

Unit - III

Open Access Publishing : Open access publications and initiatives; SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies; Software tool to identify predatory publications developed by SPPU; Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester etc.

Publication Misconduct: Subject specific ethical issues, FFP, authorship; Conflicts of interest; Complaints and appeals: examples and fraud from India and abroad; Use of plagiarism software like Turnitin, Urkund and other open source software tools.



Unit - IV

Databases And Research Metrics : Databases - Indexing databases; Citation databases – Web of Science, Scopus, SCI, etc.; Research Metrics - Impact Factor of journal as per Journal Citation Report, SNIP, SIR, IPP, Cite Score; Metrics : h-index, g-index, i-index, Altmetrics journal database.

Suggested Readings:

1. Bird, A. (2006), Philosophy of Science, Routledge.
2. MacIntyre, Alasdair (1967) A Short History of Ethics, London.
3. P. Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN:978-9387480865
4. National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition, National Academies Press.
5. Resnik, D. B. (2011). What is ethics in research & why is it important. National Institute of Environmental Health Sciences, 1-10. Retrieved from <https://www.niehs.nih.gov/research/resouices/bioethics/whatis/index.cfm>
6. Bcall, J. (2012). Predatory publishers are corrupting open access. Nature, 489(7415), 179-179. <https://doi.org/10.1038/489179a>
7. Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019), ISBN:978-81-939482-1-7. <http://www.insaindia.res.in/pdf/EthicsBook.pdf>

PPL



Department of Basic & Applied Sciences
Bhagat Phool Singh Mahila Vishwavidyalaya,
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Proceedings of the Meeting of the PG Board of Studies in Mathematics of the Department of Basic and Applied Sciences, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan (Sonipat), held on 09/07/2023 at 11:00 am.

The following were present:

1. Prof. Anil Kumar Vashisth, Department of Mathematics, KU, Kurukshetra, (Outside Expert)
2. Prof. Sunita Pannu, Department of Mathematics, GJUS&T, Hisar, (Outside Expert)
3. Mr. Parth Sarthi, Associate. Prof., GCW, Madlauda (Member)
4. Ms. Sonia, Asstt. Prof. (T) and Alumni, Department of BAS, BPSMV (Special Invitee)
5. Dr. Sunil Kumar, Department of BAS, BPSMV (Chairperson)

All the items of the agenda were circulated vide letter no.BAS/23/270 dated 07/07/2023 and discussed in detail on 09/07/2023 at 11:00 am in the meeting. After detail deliberations & discussion following were resolved and approved:

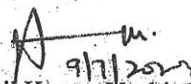
Item No. 1: To revise Scheme & Syllabi of M.Sc. Mathematics and Pre-Ph.D. course work in Mathematics w.e.f. the academic session 2023-24.

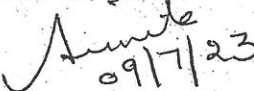
Scheme & Syllabi of M.Sc. Mathematics and Pre-Ph.D. Course work in Mathematics was discussed in detail and recommended w.e.f. the academic session 2023-24.

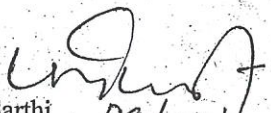
Item No. 2: Any other item.

No other item was discussed.

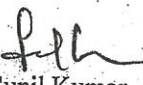
With this the meeting ended with a vote of thank to the chair.


Anil Kumar Vashisth


Sunita Pannu


Parth Sarthi


Sonia


Sunil Kumar

Endst. No. BPSMV/BAS/23/...274.....Dated...09/07/23.....

A copy of the above is forwarded to the following for information:

1. All the members of PG Board of Studies.
2. AR (Academic) for information and necessary action.
3. Office copy for department of Basic and Applied Sciences



Department of Basic & Applied Sciences
Bhagat Phool Singh Mahila Vishwavidyalaya,
Khanpur Kalan (Sonapat), Haryana-131305
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Proceeding of the Meeting of the PG Board of Studies of Physics in the Department of Basic and Applied Sciences, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan (Sonipat), held on 11/07/2023 (Tuesday) at 11:00 am.

The following were present:

- | | |
|--|------------------|
| 1. Prof. Sneh Lata Goyal, Deptt. of Physics, GFUS&T, Hisar | (Outside Expert) |
| 2. Prof. Sanjay Dahiya, Deptt. of Physics, MDU, Rohtak | (Outside Expert) |
| 3. Dr. Sunil Kumar, Department of BAS, BPSMV | (Chairperson) |
| 4. Dr. Anil Kaushik, Asstt. Prof., GCW, Gohana | (Member) |
| 5. Dr. Asha, Deptt. of BAS, BPSMV | (Member) |

All the items of the agenda were circulated vide letter no. BAS/23/271 dated 07/07/2023 and in detail on 11/07/2023 (Tuesday) at 11:00 am in the meeting. After detail discussion & deliberations following was recommended:

Item No. 1: To finalize the Scheme & Syllabi of Pre-Ph.D. course work in Physics with programme outcomes/programme specific outcomes/course outcomes w.e.f. academic session 2023-24.

Scheme & Syllabi of Pre-Ph.D. course work in Physics with Programme Outcomes/Programme Specific Outcomes/Course Outcomes was discussed in detail and recommended w.e.f. the academic session 2023-24.

Item No. 2: Any other item.

No other item was discussed.

With this the meeting ended with a vote of thank to the chair.


Sneh Lata Goyal


Sanjay Dahiya


Anil Kaushik


Sunil Kumar


Asha

Endst. No BPSMV/BAS/23/.....975.....Dated. 11/07/2023.....

A copy of the above is forwarded to the following for information:

1. All the members of PG Board of Studies.
2. A.R. (Academic) for information & Necessary action.



Office of Dean, Faculty of Science
Bhagat Phool Singh Mahila Vishwavidyalaya,
Khanpur Kalan (Sonapat), Haryana-131305
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Ref. No. BPSMV/DFOS/23/19

Date:- 11/07/2023

Proceeding of Meeting of the Faculty of Science, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat), held on 11.07.2023 at 03:00 pm. in the office of Dean, Faculty of Science.

Following were present:-

- | | |
|--|------------------|
| 1. Dr. Sunil Kumar | Dean (Convener) |
| 2. Dr. Veena, Principal BPSIHL | Member |
| 3. Dr. Asha | Member |
| 4. Sh. Rajesh Narwal (A.R. Academic)
(Nominee of Registrar) | Member Secretary |

All the items of the agenda were circulated vide letter no. DFS/23/18 dated 11/07/2023 and discussed in detail on 11/07/2023 at 03:00 pm in the meeting.

Item No. 1: Approval of Scheme & Syllabi of M.Sc. Mathematics and Pre-Ph.D. course work in Mathematics with Programme Outcomes/Programme Specific Outcomes/Course Outcomes w.e.f. academic session 2023-24.

After detail deliberations & discussion Scheme & Syllabi of M.Sc. Mathematics and Pre-Ph.D. course work in Mathematics with Programme Outcomes/Programme Specific Outcomes/Course Outcomes was approved w.e.f. academic session 2023-24

Item No. 2: Approval of Scheme & Syllabi of Pre-Ph.D. course work in Physics with Programme Outcomes/Programme Specific Outcomes/Course Outcomes w.e.f. academic session 2023-24.

After detail deliberations & discussion Scheme & Syllabi of Pre-Ph.D. course work in Physics with Programme Outcomes/Programme Specific Outcomes/Course Outcomes was approved w.e.f. academic session 2023-24

Item No. 3: Any other item.

No other item was discussed.

Meeting ended with a vote of thanks to the chair.

Sunil Kumar
11.07.23
Sunil Kumar

Veena
11/7/2023
Veena

Asha
11/7/23
Asha

Rajesh Narwal
11/7/23
Rajesh Narwal
nominee of Registrar



Department of Social Work

Bhagat Phool Singh Mahila Vishwavidyalaya

Khanpur Kalan, Sonapat, Haryana-131305

Contact No. 01263-283017

Ref. no.

Dated.

Minutes of the DRC meeting

The meeting of Departmental Research Committee was held on 17th September 2022 through online mode. Following members were present in meeting:

- | | |
|---|------------|
| 1. Prof. Surender Mor, Dean, FSS | (Convener) |
| 2. Prof. Neera Agnimitra, Delhi of University | (Member) |
| 3. Prof. Neelam Sukramani, Jamia Millia Islamia | (Member) |
| 4. Dr. Manju Panwar, Assit. Prof. MSW | (Member) |
| 5. Dr. Deepali Mathur, Assit. Prof. MSW | (Member) |

Following scholars presented their synopsis:

Sr. No.	Name	Roll no.
1	Ms. Preeti	20041001
2	Ms. Renu Devi	20041002
3	Ms. Kavita	20041003

Each synopsis was discussed at length to give suggestion on its research methodology and was approved with those suggestions to be incorporated after the guidance of the respective supervisors.

The meeting ended with thanks by the chair.

(Prof. Surender Mor.)
(Convener)

(Prof. Neera Agnimitra)
(Member)

Neelam Sukramani
(Prof. Neelam Sukramani)
(Member)

Manju Panwar
(Dr. Manju Panwar)
(Member)

Deepali Mathur
(Dr. Deepali Mathur)
(Member)

3:08 PM

Gmail - Seeking approval by PGBOS

Gmail

Department of Social Work <mswbpsmv2008@gmail.com>

Seeking approval by PGBOS

5 messages

Deepali Mathur <deepali@bpswomenuniversity.ac.in>

To: pamelasingla@gmail.com, jagdishjadhav_sw@curaj.ac.in

Cc: manju panwar <panwarmanju@gmail.com>, Department of Social Work <mswbpsmv2008@gmail.com>

Fri, Oct 21, 2022 at 4:21 PM

Respected PGBOS Experts,

Prof. Pamela Singhla

Department of Social Work

University of Delhi

Prof. Jadish Jadav

Department of Social Work

Central University of Rajasthan

Greetings!

Through this mail, Department of Social Work seeks approval of the following agendas:

1. To consider and approve the list of experts for Ph.D. (Attached Annexure -I)

2. To approve the list of experts of 2nd and 4th semester M.A. Social Work (Attached Annexure -II)

3. To consider the revised synopsis of Ph.D. scholars of Ms. Renu, Ms. Preeti and Ms. Kavita. The proposals have already been approved by DRC in its online meeting held on 17th September 2022 with suggestions to be incorporated in the research proposal. The suggestions have been incorporated under the guidance of respective supervisors (Attached Annexure -III)

With warm regards,

Dr. Deepali Mathur

Academic Coordinator

Department of Social Work, BPSMV

attachments

Subject expert list of Ph.D (I).pdf

364K

Subject Expert list of M.A. Social Work.pdf

240K

Final Synopsis Ms Preeti Dabas.pdf

311K

Renu synopsis 20.10.2022

1/16

3:08 PM

233K

Gmail - Seeking approval by PGBOS

Final Synopsis Ms. Kavita.pdf
316K

pamela singla <pamelasingla@gmail.com>

To: Deepali Mathur <deepali@bpswomenuniversity.ac.in>

Cc: manju panwar <panwarmanju@gmail.com>, Department of Social Work <mswbpsmv2008@gmail.com>

Fri, Oct 21, 2022 at 4:44 PM

Dear Deepali,

Please note the following corrections--

1. Regarding list of experts for Phd, please correct spellings of 3rd examiner--correct spellings are--Sanjai Bhatt
2. To maintain uniformity in the list, please add Head to Prof. Pamela Singla. You can consider moving the name up in the serial number.
3. The subject expert list for MA is not checked by the coordinator. Some names appear twice for the same paper. Also please correct my email id to present email id. Prof. Malathi has one year leave. You can have another name to replace her.

Rest looks fine.

Wishes,

Pamela Singla

[Quoted text hidden]

Prof. Pamela Singla

Head

Department of Social Work

University of Delhi

Delhi (India) - 110007

M - 98113 28666

R - 27667555

Email - psingla@socialwork.du.ac.in

Website - www.pamelasingla.com

Deepali Mathur <deepali@bpswomenuniversity.ac.in>

To: pamela singla <pamelasingla@gmail.com>

Cc: manju panwar <panwarmanju@gmail.com>, Department of Social Work <mswbpsmv2008@gmail.com>

Fri, Oct 21, 2022 at 4:52 PM

Respected Madam,

Thank you for your valuable time and suggestions. The same would be incorporated as suggested by you.

With warm regards,

Dr. Deepali Mathur

[Quoted text hidden]

Dr. Jagdish Ullas <jagdishjadhav_sw@curaj.ac.in>

To: Deepali Mathur <deepali@bpswomenuniversity.ac.in>

Cc: pamelasingla@gmail.com, manju panwar <panwarmanju@gmail.com>, Department of Social Work <mswbpsmv2008@gmail.com>

Fri, Oct 21, 2022 at 5:19 PM

Dear Madam,

Greetings of the Day!

Said MoM of PGBOS are approved from my side for further needful perusal.

With Regards!

Jagdish Jadhav

On Fri, Oct 21, 2022 at 4:21 PM Deepali Mathur <deepali@bpswomenuniversity.ac.in> wrote:

[Quoted text hidden]

Faculty of Social Sciences

Minutes of the Meeting of Faculty of Social Sciences

A meeting of Faculty of Social Sciences was held in the Office of Dean, Faculty of Social Sciences on June 30, 2023 at 10.00am to consider and approve the research synopsis of the PhD students admitted in session 2021-22 as recommended by the PGBOS in Social Work in its meeting held on 21st October 2022.

The following members were present in the meeting:

Prof. Surender Mor	Dean, Faculty of Social Sciences	(Chairperson)
Dr. Veena Garg	Principal, IHL, BPSMV	(Member)
Dr. Kokila	Chairperson, Dept. of Geography	(Member)
Dr. Manju Panwar	Chairperson, Dept. of Social Work	(Member)
Dr. Archana Malik	Incharge, Dept. of History & Archaeology	(Member)
Dr. Anju Rani	Dept. of Economics	(Member)

The faculty of Social Sciences discussed the aforesaid agenda at length and approved the following:

Agenda 1. The research synopsis of the PhD students admitted in session 2020-21 in Department of has been approved as detail below:

Name	Roll no.	Name of the supervisor	Title of Research
Ms. Preeti Dabas	20041001	Dr. Manju Panwar	A Study of Bride Buying (Molki) in Haryana
Ms. Renu	20041002	Dr. Deepali Mathur	Scope of School Social Work Practice in Inclusive Education: A Study of Government School in Haryana
Ms. Kavita	20041003	Dr. Manju Panwar	Importance and Utilisation of Welfare Schemes by Elderly in Rural Areas of Haryana: A Social Work Perspective

The meeting ended with a vote of thanks to the Chair

Anju Rani
30/06/2023
(Anju Rani)

Manju Panwar
30/6/2023
(Manju Panwar)

Archana Malik
30/6/23
(Archana Malik)

Veena Garg
30/6/2023
(Veena Garg)

Kokila Malik
30/6/2023
(Kokila Malik)

Surender Mor
30/6/23
(Surender Mor)



Bhagat Phool Singh Mahila Vishwavidyalaya,
Khanpur Kalan (Sonapat), Haryana-131305
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Ref. No. BPSMV/Dean, FET/23/162

Date:-11/07/2023

Proceeding of the meeting of Faculty of Engineering and Technology held on 11.07.2023 at 11.00 am. in the office of Dean, Faculty of Engineering and Technology, BPSMV, Khanpur Kalan.

The following members were present:-

1. Prof. (Dr.) Vijay Nehra, Dean, Faculty of Engineering & Technology
2. Dr. Sangeeta Sapra, Principal, Tau Dev Lal, (Joined Online)
Govt. College for women, Murthal, Sonapat
3. Dr. Sonal Chairperson, CSE&IT
Department of CSE&T, BPSMV, Khanpur Kalan, Sonipat
4. Dr. Priyanka, Associate Professor, Chairperson, ECE
Department of ECE, BPSMV, Khanpur Kalan, Sonipat
5. Mrs. Sudesh Nandal, Associate Professor
Dept of ECE, BPSMV, Khanpur Kalan, Sonipat
6. Dr. Harinder Pal, In-Charge, FT
Department of Fashion Technology
BPSMV, Khanpur Kalan, Sonipat.
7. Dr. Manju Saroha Assistant Professor.
Department of CSE & IT, BPSMV, Khanpur Kalan, Sonipat
8. Assistant Registrar, Secretary

After detailed discussion and deliberation, the following decisions were taken:-

Agenda No.1: To consider the case of Ph.D Registration in respect of Ms. Rajni, having Reg. No 2021041100042847 in Department of Computer Science & Engineering, and Information Technology.

Resolved and Approved: Considered and approved the registration in Ph.D of Ms. Rajni, having Reg. No 2021041100042847 on the topic "Design of Hybrid Techniques for Information Security using Digital Watermarking and Cryptography" under supervision of Prof. Ajit Singh duly approved by DRC in its meeting held on 16/02/2023 and PGBOS meeting held on 24/04/2023 of the Department of Computer Science & Engineering and Information Technology.

Any Other Items Agenda

Agenda No 2: To consider the case of submission of M.Tech Dissertation in respect of Ms. Priya Rani, Having roll no 18142202.

Resolved and approved: - Considered and forwarded the case of Condone in respect of Ms. Priya Rani admitted in M.Tech Electronics and Communication Engineering during session 2018-2020 having roll no 18142202 in the department of Electronics and Communication Engineering. She could not be able to submit the thesis within in maximum stipulated period of PG Programme under supervision of Dr. Priyanka, due to her personal problem.

Prof. (Dr.) Vijay Nehra
Dean FET

Dr. Sangeeta Sapra
Member

Dr. Sonal
Chairperson, CSE&IT

Dr. Priyanka
Chairperson, ECE

Mrs. Sudesh Nandal
Member

Dr. Harinder Pal
In-Charge, FT

Dr. Manju Saroha
Member

Assistant Registrar
(Academic Branch)

nominee of Registrar

(16)

Department of Computer Science & Engineering and Information Technology

BPS Mahila Vishwavidyalaya Khanpur Kalan Sonipat

(A State University Established under the Legislative Act No. 31/2006)

Ref. No BPSMV/CSE/IT/22/...78.....

Dated ...16/02/2023.

A meeting of the Departmental Research Committee of the Department of Computer Science & Engineering and Information Technology was held on 16/02/2023 at 03:00 P.M. in the office of Chairperson, Department of Computer Science & Engineering and Information Technology:

The following members were present:

- | | |
|---|----------------|
| 1. Prof. Ajit Singh, Chairperson, Deptt. of CSE&IT, BPSMV, Khanpur Kalan. | Chairman |
| 2. Prof. (Dr.) M.N. Hoda, Director, BVICAM, New Delhi | Outside Expert |
| 3. Prof. (Dr.) A.K. Saini, USMS, GGSIPU, New Delhi | Outside Expert |
| 4. Dr. Sunita Rani, Assistant Professor, Deptt. of CSE & IT, BPSMV | Member |

Agenda:-

1. To consider the registration of the candidate who have completed the Pre Ph.D course work during academic session 2021-22.
2. To consider the progress report of Ms. Anjana and Ms. Ekta for Ph.D (CSE) for the period of May 2022 to January 2023.
3. To conduct the interview for admission in Ph.D (CSE) for the academic session 2022-23.

Item No. 1

The Departmental Research Committee considered the recommendation of the Department Staff Committee held on 16.02.2023 with regard to registration in Ph.D (CSE) and recommended the following candidate for registration in Ph.D Programme along with her topic of research and Supervisor:

Sr. No.	Name of the Candidate	Research Topic	Name of the Supervisor	DRC Remarks /Decision
1	Ms. Rajni D/o Sh. Jai Bhagwan	Design of Hybrid Techniques for Information Security using Digital Watermarking and Cryptography	Prof. Ajit Singh	Recommended for Registration

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Item No. 2

The Departmental Research Committee considered the recommendation of the Department Staff Committee held on 16.02.2023 with regard to progress report of research work of the Ph.D Scholars.

The following candidate appeared before the committee for presenting their research work:

1. Ms. Anjana D/o Sh. Nafe Singh
2. Ms. Ekta D/o Sh. Beer Singh

Both Ph.D scholar namely Ms. Anjana D/o Sh. Nafe Singh and Ms. Ekta D/o Sh. Beer Singh having permanent registration No. 2016041100022334 and 2016041100022326 respectively appeared before the Departmental Research Committee, and presented their progress report (from May 2022 to January, 2023) of the research work in a satisfactory manner.

Item No. 3

The Departmental Research Committee considered the recommendation of the Department Admission Committee with regard to admission to Ph.D. program.

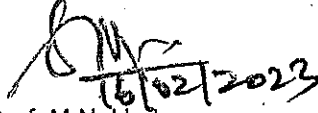
The two candidates forwarded by the Admission committee were interviewed.

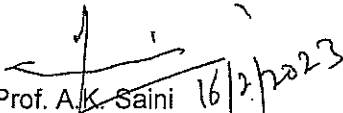
The members considered the eligibility requirements and the educational profile of the candidates for admission to the Ph.D. Computer Science and Engineering.

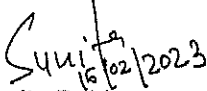
- a. Rubi, JRF Qualified MSc. In computer Science and B.C.A
- b. Nivedita, Ph.D Entrance Test qualified, M.C.A, BSc. Computer Science

After detailed discussions, and the prospects of the departmental growth in the current times, the following recommendations were made:

- a) It was noted that the name of the department is – Department of CSE and IT, however the Ph.D program is currently being offered in CSE. It was found that many candidates from many disciplines having background like MCA, MSc., are qualifying the entrance test.
- b) Ph.D. Degree in Information Technology may be started which will facilitate candidates from allied subjects like MCA, MSc. Computer Science/IT/Software Engineering etc. get enrolled for Ph.D. program. This will also facilitate the need of fulfilling the research in emerging domains, being interdisciplinary and multidisciplinary in nature.
- c) If approved, the two candidates interviewed by the DRC may be considered for admission to Ph.D program in Information Technology, by following the due process.
- d) It was reiterated that for admission to Ph.D. in CSE, the academic eligibility as stated in Ph.D. Ordinance 2.1, Post-Graduate degree means Master's degree in Engineering and Technology.


Prof. M.N. Hoda
(Outside Expert)


Prof. A.K. Saini
(Outside Expert)


Dr. Sunita Rani
(Member)

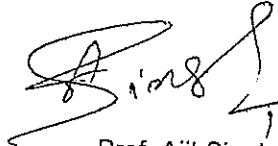

Prof. Ajit Singh
Chairman, DRC Committee

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Copy forwarded to the following for information and further necessary action:

1. PS to Hon'ble Vice-Chancellor (for kind information of Hon'ble Vice-Chancellor)
2. Assistant Registrar (Academic) for necessary action.
3. Assistant Registrar (R&S) for necessary action.
4. Admission Committee for necessary action.


16/02/20
Prof. Ajit Singh
Chairman, DRC Committee

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Department of Computer Science & Engineering and Information Technology
BPS Mahila Vishwavidyalaya Khanpur Kalan Sonipat
(A State University Established under the Legislative Act No. 31/2006)

Ref. No. BPSMV/CSE/IT/231/D/265

Dated 24/04/2023

Minutes of the meeting of the PGBOS of Computer Science & Engineering of Department of Computer Science & Engineering and Information Technology, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan (Sonipat), held on 24.04.2023 at 2:00 PM. The following are the member of PGBOS:

- | | |
|--|----------------|
| 1. Ms. Sonal, Chairperson, Dept. of CSE&IT, BPSMV, Khanpur Kalan | (Chairman) |
| 2. Dr. Ajit Singh, Prof. Dept. of CSE/IT | Member |
| 3. Prof. M N Hoda, Director, BVICAM, New Delhi | Outside expert |
| 4. Prof. P.S. Grover, Former Professor, Dept. of CSE, New Delhi | Outside expert |
| 5. Dr. Vinod Kumar Saroha, Assistant Professor, Dept. of CSE/IT | Member |
| 6. Dr. Manju Saroha, Assistant Professor, Dept. of CSE/IT | Member |

The aforesaid meeting is convened in the Department of Computer Science & Engineering and Information Technology, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat. The agenda items were discussed in detail and following decisions have been taken:

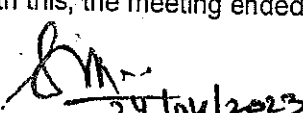
Considered and Approved:

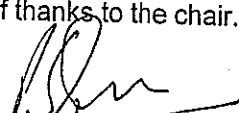
1. The minutes of the last meeting held on 27.03.2023 were presented and approved.
2. The recommendations of DRC held on 16.02.2023 in the Department of CSE/IT has been approved as follows:

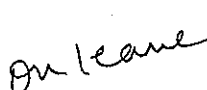
Sr. No.	Name of the candidate	Research Topic	Name of the Supervisor	DRC Remarks/Decision
1.	Ms. Rajni D/o Sh. Jai Bhagwan	Design of Hybrid Techniques for Information Security using Digital Watermarking and Cryptography	Prof. Ajit Singh	Recommended for Registration

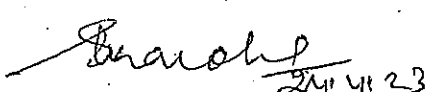
3. The panel of examiners for credit examination for Pre-Ph.D course work in the academic session 2022-2023 was drawn and approved.
4. The detailed scheme of the proposed MCA programme was discussed. Required suggestions were given. It was resolved to align the scheme with OBE and NEP-2020 requirements and present the same in the next meeting.

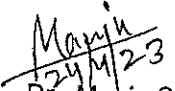
With this, the meeting ended with a vote of thanks to the chair.

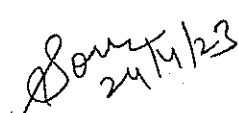

Prof. M N Hoda
(Outside expert)


Prof. P. S. Grover
(Outside expert)


Prof. Ajit Singh
(Member)


Dr. Vinod Kumar Saroha
(Member)


Dr. Manju Saroha
(Member)


Ms. Sonal
Chairman, BOS

(17)

Department of Computer Science & Engineering and Information Technology

BPS Mahila Vishwavidyalaya Khanpur Kalan Sonipat

(A State University Established under the Legislative Act No. 31/2006)

Ref. No BPSMV/CSE/IT/23/77

Dated ...16/02/2023..

Proceedings of the Meeting of Department Staff Committee (DSC) of Computer Science & Engineering and Information Technology:

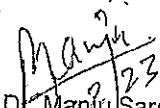
A meeting of the Department Staff Committee of the Department of Computer Science & Engineering and Information Technology was held on 16/02/2023 at 11:30 A.M. in the Conference Hall, Department of Computer Science & Engineering and Information Technology.

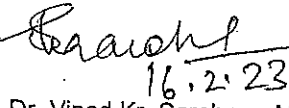
The following members were present in the meeting:

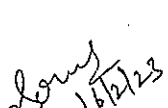
1. Prof. Ajit Singh, Chairperson, Deptt. of CSE&IT, BPSMV, Khanpur Kalan.
2. Mr. Vikas Malik, Assistant Professor, Deptt. of CSE&IT, BPSMV, Khanpur Kalan.
3. Mrs. Sonal, Assistant Professor, Deptt. of CSE&IT, BPSMV, Khanpur Kalan.
4. Mr. Vinod Saroha, Assistant Professor, Deptt. of CSE&IT, BPSMV, Khanpur Kalan.
5. Ms. Manju Saroha, Assistant Professor, Deptt. of CSE&IT, BPSMV, Khanpur Kalan.

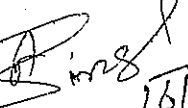
Both the Ph.D. scholar namely Ms. Anjana D/o Sh. Nafe Singh, PRN 2016041100022334 and Ms. Ekta D/o Sh. Beer Singh, PRN 2016041100022326 presented their progress report (From May, 2022 to January, 2023) before the Department Staff Committee. The Department Staff Committee considered their progress report and found satisfactory.

Ms. Rajni D/o Sh. Jai Bhagwan, PRN 2021041100042847 presented her Synopsis of Research before the Department Staff Committee. The Department Staff Committee recommended her synopsis of the Research for consideration for the Departmental Research Committee.


Dr. Manju Saroha
Assistant Professor


16.2.23
Dr. Vinod Kr. Saroha Mr. Vikas Malik
Assistant Professor Assistant Professor


16/2/23
Mrs. Sonal
Associate Professor


16/02/23
Prof. Ajit Singh
Chairperson

BPS MAHILA VISHWAVIDYALAYA KHANPUR KALAN (SONEPAT)

MINUTES OF THE 26th MEETING OF THE ACADEMIC COUNCIL HELD ON 14/07/2023 AT 11.30 A.M. IN THE CONFERENCE HALL, ADMINISTRATIVE BLOCK, BPS MAHILA VISHWAVIDYALAYA, KHANPUR KALAN (SONEPAT) THROUGH BLENDED MODE.

<u>Members Present:-</u>	
1. Prof. Sudesh Vice-Chancellor	Chairperson
	Ex-Officio Members
2. Smt. Veena Rani, Deputy Director O/o DGHE, Panchkula	Attended online
3. Prof. Sanket Vij, Dean Academic Affairs	Attended offline
4. Prof. Surender Mor, Dean, Faculty of Social Sciences	---do---
5. Prof. Ashok Verma, Dean, Faculty of Arts & Languages	---do---
6. Dr. Suman Dalal, Dean, Faculty of Education Dean Faculty of Physical Education	---do---
7. Prof. Vijay Nehra, Dean, Faculty of Engineering & Technology, Dean Faculty of Law	---do---
8. Prof. Neelam Jain, Dean Faculty of Pharmaceutical Sciences	Attended online
9. Prof. Ipshita Bansal, Dean, Faculty of Commerce & Management, Proctor	Attended offline
10. Dr. Sunil Sangwan, Dean, Faculty of Sciences	--do--
11. Prof. Shweta Singh, Dean of Colleges, Dean Students Welfare	--do--
12. Dr. Ravi Bhushan, Chairperson, Department of English,	Attended online
13. Dr. Sandeep Dahiya, Controller of Examinations	Attended offline
14. Dr. Manju Panwar, Chairperson, Department of Social Work	-do-
15. Dr. Kokila Malik, Chairperson, Deptt.of Geography	-do-
16. Dr. Priyanka, Chairperson, Department of ECE	-do-
17. Dr. Sonal, Chairperson, Department of CSE&IT	-do-
	Other Members
18. Dr. Madhvi Seetha, Associate Professor, Faculty of Ayurvedic Medicine.	Attended online
19. Dr. Shalini, Asstt. Prof. Faculty of Arts & Languages	Attended offline



20.	Dr. Deepali Mathur, Asstt. Prof., Faculty of Social Sciences	--do--
21.	Dr. Kritika, Asstt. Prof. Faculty of Law	--do--
22.	Dr. Anuradha, Asstt. Prof., Faculty of Ayurvedic Medicine	Attended online
23.	Dr. Meenakshi Katyal, Asstt. Prof. Faculty of Commerce & Management	--do--
24.	Dr. Monika, Asstt. Prof. Faculty of Education	--do--
25.	Dr. Manju Saroha, Asstt. Prof. Faculty of Engg. & Technology	--do--
26.	Dr. Asha, Asstt. Prof. Faculty of Sciences	--do--
27.	Prof. Shalini Singh, Department of Psychology, M D University, Rohtak.	Attended online
28.	Prof. Manjula Choudhary, Kurukshetra University, Kurukshetra,	--do--
29.	Dr. Kamlesh (Retd Professor), IMSAR, MDU Rohtak,	--do--
30.	Dr. Sangeeta Sapra, Principal, Tau Devi Lal, Govt. Clg for Women, Murthal, Sonapat.	--do--
31.	Dr. Vandana Nasa, Associate Professor, Commerce, Govt. College for Women, Sonapat.	--do--
32.	Ms. Ashu, Assistant Professor, Arya Adarsh Girls Colleges, Maldauda, Panipat.	--do--
33.	Dr. Jagbir Singh, Ex Chairman, Board of School Education, Bhiwani	Outside Expert Attended online
34.	Prof. Sukhdeep Singh,, Department of Computer and Engineering, Deenbandhu Chhotu Ram University, of Science and Technology, Murthal.	--do--
35.	Prof. Dr. N Srikumaran Nair, Head, Department of Medical Biometrics, Informatics Biostatistics, Jawaharlal Institute of Postgraduate, Medical Education and Research, Pondicherry	--do--
36.	Prof. B.B. Goyal, University Business School, Punjab University, Sec- 14, Chandigarh.	Attended offline
37.	Dr. Mathachan K.J., In-charge, Deptt. of Foreign Languages	Special invitee
38.	Dr. Seema Dahiya, In-charge, Deptt. of Laws	--do--
39.	Dr. Pankaj Mishra, In-charge, Deptt. of Hotel Management	--do--

- | | | |
|-----|--|------------------|
| 40. | Mr. Rampal, In-charge,
Deptt. of Political Science | --do- |
| 41. | Dr. Archana Malik, In-charge,
Department of History & Archaeology | --do- |
| 42. | Dr. Neelam Malik,
Registrar | Member Secretary |

THE QUORUM WAS COMPLETE.

At the outset, the Vice-Chancellor welcomed all the members to the 26th meeting of the Academic Council. The Chairperson informed that National Accreditation and Assessment Council (NAAC) Peer Team visited the University from 27th February to 1st March, 2023. The University completed its first cycle of the Accreditation and was accredited with B++ Grade by NAAC. All the members congratulated her for the same.

Further, the Vice-Chancellor introduced the newly appointed members Dr. Veena Rani, Deputy Director, Prof. Ashok Verma, Dean Faculty of Arts and Languages and Prof. Ipshta Bansal, Proctor to the August House. All the members congratulated them on being nominated to the Academic Council of BPSMV, Khanpur Kalan.

After the exchange of pleasantries, the formal agenda items with the permission of the Chairperson were taken up by the Registrar.

1. Confirmation of the Minutes of the 25th meeting of Academic Council held on 17/01/2023.

RESOLVED THAT THE MINUTES OF THE 25th MEETING OF THE ACADEMIC COUNCIL HELD ON 17.1.2023 BE CONFIRMED.

2. Follow up Action Report.

RESOLVED THAT THE FOLLOW UP ACTION TAKEN ON THE DECISIONS OF THE ACADEMIC COUNCIL MEETING HELD ON 17.1.2023 BE NOTED. FURTHER RESOLVED THAT THE OBSERVATIONS ON AGENDA NO 06, 37 AND 40 BE APPROVED AS FOLLOWS:

- No. 06 THE DIRECTOR RESEARCH WILL TAKE UP THE MATTER AT THE EARLIEST AND SUBMIT THE REPORT TO BE PLACED AT THE NEXT MEETING OF THE ACADEMIC COUNCIL.**

(Action By:- Director Research)

- No. 37. THE RESOLUTION MAY BE READ "THE PAPER ENVIRONMENTAL STUDIES (EVS 201) MAY BE TAUGHT IN THE 3RD SEMESTER FOR ALL B.TECH. PROGRAMME INCLUDING B.VOC. PROGRAMME. FOR ALL OTHER UNDER GRADUATE PROGRAMMES THE DECISION OF THE ACADEMIC COUNCIL IN ITS MEETING HELD ON 17/01/2023 ALREADY PASSED SHALL BE FOLLOWED IN LETTER AND SPIRIT AND THE COMMON SYLLABI AS PASSED BY THE ACADEMIC COUNCIL IN ITS MEETING HELD ON 20/06/2018 SHALL BE ADOPTED/IMPLEMENTED IN UG/INTEGRATED PROGRAMME.**

(Action By: - Academic Branch & COE)

- No. 40 THE RESOLUTION MAY BE READ AS UNDER "RESOLVED THAT ON THE BASIS OF THE UNSATISFACTORY REPORT AND CONDUCT"**

(Action By: - Academic Branch and R & S Branch)



3. To note the action taken by the Vice-Chancellor to attach /allot the various subjects with the concerned Faculty or other Faculty in anticipation of approval of the Academic Council.

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE NOTED WITH MINOR CHANGES AT SR. NO. 10 WHICH WILL BE READ AS DEPARTMENT OF CSE AND IT. FURTHER RESOLVED THAT THE SUBJECTS OF PUBLIC ADMINISTRATION AND PSYCHOLOGY WHICH ARE BEING TAUGHT IN AFFILIATED COLLEGES BE ATTACHED WITH THE FACULTY OF SOCIAL SCIENCES.

(Action By: - Academic Branch)

4. To note the action taken by the Vice Chancellor to award the Ph. D. Degrees to the students in the subjects as mentioned against their name in anticipation of the approval of the academic council.

Sr. No.	Research Scholar	Name of the Supervisor(s)	Name of the Department	Registration No.	Title of the Thesis	Date of the URC
1.	Ms. Monika Rathee D/o Sh. Balwan Singh	Dr. Nutan	Food & Nutrition, BPS IHL	13091102	"Assessment of health status of army personnel and its improvement by developing suitable functional foods"	04.02.2023
2.	Ms. Jannat Bamal D/o Sh. Jaivir Singh Bamal	Dr. Sandhya Rohal	Department of Laws	2017041100 022811	"Freedom of Speech and Expression vis-à-vis Contempt of Courts"	27.01.2023
3.	Ms. Anurag Rana D/o Sh. Jagbir	Dr. Anil Balhera	Department of Laws	14051001	"Independence of Judiciary and Judicial Accountability in India: A Critical Study"	27.10.2022
4.	Ms. Deepika Kamboj D/o Sh. Bir Singh	Dr. Rajesh Hooda	Department of Laws	2015041100 021546	"Justice System for Juveniles in India: A Critical Study"	18.01.2023
5.	Ms. Sarika D/o Sh. Krishan Lal	Dr. Vimal Joshi	Department of Laws	2015041100 021554	"Trends of Punishment in India with Special reference of Sexual Offences"	18.01.2023

6.	Ms. Anju Sharma D/o Sh. Ramesh Chand	Dr. Kapil Kumar	Department of Management Studies	2017041100 022977	"Work Engagement and Organizational Effectiveness: A Study of State Universities of Haryana"	15.02.23
7.	Ms. Bhateri Devi D/o Sh. Ram Kumar	Dr. Seema Dahiya	Department of Laws	2015041100 021531	"Child Labour in India: A Socio Legal Study with Special Reference to Panipat District."	27.10.22
8.	Ms. Kanchan Khatreja D/o Sh. Uttam Chand	Dr. Suman Dalal	Department of Education	2016041100 021516	"Relationship of Creativity in Mathematics of Elementary School Students with Anxiety and Parenting Style"	09.03.2023
9.	Ms. Asha D/o Sh. J.S. Balhara	Dr. Sandeep Dahiya	Department of ECE	2018041100 016606	"Performance Analysis of Radio over Fiber (Rof) Communication System For 5G Technology"	15.03.2023
10.	Ms.Meenu D/o Sh. Surajmal	Dr. Neelam Jain	Department of Pharmaceutical Education & Research	14071001	"Synthesis, Characterization and Biological Evaluation of Some Novel Substituted Pyrazoles"	28.04.2023
11.	Ms.Seema Nashier D/o Sh. Raje Ram	Prof. Sanket Vij	Department of Management Studies	2017041100 022946	"Contribution of Socially Backwards in Entrepreneurship: A Study of Dalit Indian Chamber of Commerce and Industry (DICCII)"	03.05.2023

12.	Ms. Deepa D/o Sh. Balbir Singh	Dr. Priya Dhingra	Department of Education	12060805	"Impact of Self Efficacy on Educational Aspiration and Achievement Motivation of Secondary School Students"	01.05.2023
13.	Ms. Seema Rani D/o Sh. Balraj Singh	Dr. Varuna Dahiya	Department of Education	2016041100 021613	"Effectiveness of Constructive Pedagogy of Teaching Mathematics on Learning Outcomes of Children With Hearing Impairment"	01.05.2023
14.	Ms. Jyoti Mor D/o Sh. S.C. Mor	Prof. Shweta Singh	Department of Management Studies	2015041100 002472	"Knowledge Management in Banking Sector in India"	30.05.2023

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE NOTED.

(Action By: - Controller of Examinations)

5. To consider the recommendations of the Committee constituted by the Academic Council vide Resolution no. 35 of its meeting 25th Academic Council held on 17/01/2023 to look in to the matter of registration of following students of Ph. D in Food and Nutrition (IHL):-

Sr. No	PRN/ Roll No (Pre. Ph.D.)	Name of candidate	Name of Supervisor	Research Topic	Date of meeting of PGBOS
1.	2018041100040566 18091001	Aarzoo Tomar D/o Azad Singh Tomar	Dr. Parvinder Kaur	Evaluation of Chlorogenic Acid and Antioxidant Properties of Green Coffee Beans Based Value Added Products.	12.08.2021
2.	2018041100040551 18091002	Anuradha Goswami D/o Bhushan Goswami	Dr. Nutan	Formulation of Instant Probiotic Water Kefir Herbal Mocktail and its Nutritional, Antioxidant Analysis	12.08.2021
3.	2018041100040535 18091003	Mahima Kumari D/o Karan Singh	Dr. Veena, Principal	Nutritional, Phytochemical Assessment of Giloy (Tinospora cordifolia) and its Utilization in Value Added Food Products	12.08.2021

4.	2018041100040543 18091004	Preeti Dabas D/o Raj Singh Dabas	Dr. Parvinder Kaur	Development and Nutritional Analysis of Value Added Products Based on Black Rice	12.08.2021
5.	2018041100040574 18091005	Ramni Purnima Katyal D/o Rajender Katyal	Dr. Veena, Principal	Nutritional Phytochemical Analysis of Underutilized Medicinal Plants and their Utilization in Product Development	12.08.2021

RESOLVED THAT THE RECOMMENDATIONS OF THE COMMITTEE EXCEPT SR. NO. 3 AND 5 BE APPROVED. FURTHER RESOLVED THAT AFTER ADOPTING PROPER PROCEDURE, NEW GUIDE / SUPERVISOR BE PROVIDED TO BOTH STUDENTS IN THE RELEVANT DISCIPLINE. DR. VEENA MAY BE APPOINTED CO-SUPERVISOR THROUGH MUTUAL CONSENT.

(Action By: - R&S Branch)

6. To consider and approve the proposal regarding implementation of syllabi of Cyber Security Course at Under Graduate and Post Graduate Level.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

(Action By: - Academic Branch)

7. To consider the cases of following candidates of various Departments for Registration in Ph.D. in Programme as mentioned against each.

Sr. No.	Name of the Candidate	Title	Name of the Supervisor	Date of meeting of PGBOS
1.	Ms. Neeraj D/o Sh. Meer Singh 2020041100010767	Witness Protection Laws in India: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (Co-supervisor)	25.03.2023
2.	Ms. Sujata Lather D/o Sh. Suresh 2014041100011922	Legal Framework for Regularization of Contractual Services in India- A Socio Legal Study	Dr. Anil Balhera	25.03.2023
3.	Ms. Vijata Kumari D/o Sh. Amit Rawal 2020041100010713	Law of Admission and Confession in India, USA and UK: A Comparative Study	Dr. Alka Bharti	25.03.2023
4.	Ms. Antima D/o Sh. Joginder Singh 2015041100002986	Wrongful Conviction Under Indian Criminal Justice System: A Socio-Legal Study	Dr. Rajesh Hooda	25.03.2023
5.	Ms. Sneha D/o Sh. Kuldeep Singh 2021041100042082	Digital Forensic Evidence in Cyber Crimes: Mapping Indian Admissibility Regime and Challenges	Dr. Parmod Malik	25.03.2023
6.	Ms. Anju Bala D/o Sh. Hans Raj 2020041100041023	Sedition Law vis-à-vis Freedom of Speech and Expression in the current Indian Scenario: A Critical Study	Dr. Seema Dahiya Dr. Archana Malik (co-supervisor)	25.03.2023

7.	Ms. Babli D/o Sh. Ishwar Singh 2021041100039362	Higher Education Preparedness with Reference to Industry 5.0: The Indian Experience	Prof. Sanket Vij	21.04.2023
8.	Ms. Bhawana Sharma D/o Sh. Deepak Sharma 2021041100039354	Psychographic Influence of OTT Platforms: An Insight into Indian Viewers Disposition	Dr. Krishan Kumar	21.04.2023
9.	Ms. Neeru D/o Sh. Jasbir 2021041100039563	Consumers Preferences and Decision-Making Choices: A Study of Decoy Effect in FMCG Sector	Dr. Meenakshi Katyal	21.04.2023
10.	Ms. Nishu Chauhan D/o Sh. Sanjeev Chauhan 2021041100039377	Academic Leadership, Organisational Politics and Quality of Work Life in Higher Education: An Empirical Analysis	Prof. Shweta Singh	21.04.2023
11.	Garima Malik D/o Jagdish Malik 201704110000910618 031003	Trauma and Psychic Healing : A study of Twin Bombings in Select Japanese Literature	Prof. Ashok Verma	17.07.2020
12.	Ms. Anju D/o Sh. Narender Singh 2019041100000597	Cinematic Adaptations of Shakespearean Tragedies: A Study of Galiyon Ki Raasleela Ram-Leela, Harider, Omkara and Maqbool	Prof. Amrita	25.04.2023
13.	Ms. Mahima D/o Sh. Amarbir Singh 2019041100000604	Expanding Consciousness: A Study of Select Indian Science Fiction	Prof. Amrita	25.04.2023
14.	Ms. Nisha D/o Sh. Lal Singh 2017041100009242	Structural Analysis of Rajasthani Folktales: A Study of Vijaydan Detha's Timeless Tales From Marwar, New Life Selected Stories and Chouboli And Other Stories Vol. I and Vol. II	Prof. Ravi Bhushan	25.04.2023
15.	Ms. Sukriti Mor D/o Sh. Surender Singh 2014041100002552	Relocating Identity in Transgender Narratives: A Study of Select Indian Texts	Dr. Shalini	25.04.2023
16.	Ms. Vrinda Vats D/o Sh. Suresh Kumar 2014041100002583	Sufi-mystics of Punjab: A Study of Select Works of Bulleh Shah, Waris Shah and Shah Hussein	Prof. Ashok Verma	25.04.2023
17.	Ms. Niti D/o Sh. Rohtas 2015041100013752	Contours of Marginality and Tribal Identity: A Study of Select Literary Texts from the North East	Prof. Ashok Verma	25.04.2023
18.	Pooja Rani D/o Kapoor Singh 2020041100040967/2 0031001	Understanding Existential Dilemma: A Critique of Stephen King's The Stand Albert Camus's The Plague and Mary Shelley's The Last Man	Dr. Geeta Phogat	16.11.2022
19.	Ms. Tamanna D/o Shiv Kumar 2020041100040975/2 0031002	Voicing the Social Imbalance: A Critical Study of the Select Works of Elfriede Jelinek.	Dr. Ravi Bhushan	16.11.2022

20.	Ms. Riya D/o Satish Kumar 2020041100040983/2 0031003	Theatre as a Mode of Liberation: (Re)-viewing the dramaturgy of Augusto Boal's Theatre of the Oppressed.	Dr. Ajeet Singh	16.11.2022
21.	Ms. Shikha Sharma D/o Sanjay Kumar 2020041100040991/2 0031004	Trauma of Exile in Select Kashmiri Memoirs (From Home to House, Our Moon has Blood Clots and A Long Dream of Home)	Dr. Geeta Phogat	16.11.2022
22.	Ms. Renu Chaudhary D/o Arvind Chaudhary 2020041100041007/2 0031005	The idea of Ramrajya' A Comparative Study of M.K. Gandhi's Hind Swaraj, J.L. Nehru's Letters From a Father to His Daughter and B.R. Ambedkar's Riddles in Hinduism	Dr. Ravi Bhushan	16.11.2022

RESOLVED THAT THE ABOVE CASES FOR REGISTRATION BE APPROVED. FURTHER RESOLVED THAT IF THERE IS ANY CORRECTION / TYPOGRAPHICAL MISTAKE, THE SAME BE CORRECTED IN VIEW OF THE MINUTES APPROVED BY THE PGBOS CONCERNED.

(Action By: - R&S Branch)

8. To consider the cancellation of Registration of Ph.D. in Department of Laws.

Sr. No.	Name of Ph.D. Scholar	Registration. No.	Reason
1.	Ms. Vandana	2018041100040396	Due to professional commitment

RESOLVED THAT THE REGISTRATION OF MS. VANDANA BE CANCELLED.

(Action By: - R&S Branch)

9. To consider the case of appointment of co-supervisor for Ph.D. in Deptt. of Law.

Sr. No.	Name of Ph.D. Scholar	Registration No.
1.	Ms. Kavita Devi	2018041100040415

RESOLVED THAT THE ABOVE CASE FOR REGISTRATION BE APPROVED.

(Action By: - R&S Branch)

10. To consider and approve the recommendations of the committee constituted to discuss the proposal submitted by Principal, Polytechnic regarding closure of the Diploma in Architectural Assistantship running under Self Finance Scheme.

RESOLVED THAT THE RECOMMENDATIONS OF THE COMMITTEE BE APPROVED. FURTHER RESOLVED THAT THE PRINCIPAL POLYTECHNIC MAY INITIATE THE PROPOSAL FOR INTRODUCTION OF THE NEW INNOVATIVE COURSES IN THE ACADEMIC INTEREST OF THE RURAL GIRL STUDENTS.

(Action By: - Principal Polytechnic)



11. To note the action taken by the Vice-Chancellor in approving the proposal to discontinue the B.A. (Hons.) Economics programme from the Academic Session 2023-24.

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE NOTED.

(Action By: - Academic Branch & Chairperson Department of Economics)

12. To consider and approve the panel of outside Experts in the discipline of Library Science regarding appointment of Librarian as per BPSMV Act-2006 under Section 24(2) of the Statute.

RESOLVED THAT THE PANEL OF EXPERTS BE APPROVED AND THE SAME BE SENT TO HON'BLE GOVERNOR & CHANCELLOR OF BPSMV, KHANPUR KALAN FOR APPROVAL.

(Action By: - O/o Vice-Chancellor)

13. To consider and approve the Scheme and syllabi of M.Sc. Mathematics, Pre-Ph.D. course work in Mathematics and Physics w.e.f. Academic Session 2023-24.

RESOLVED THAT THE SCHEME AND SYLLABI OF THE ABOVE PROGRAMMES BE APPROVED.

(Action By: - Academic Branch)

14. To consider the Registration of three (3) students in Ph.D. in Department of Social Work.

Sr. No.	Name of the Candidate	Title	Name of the Supervisor	Date of meeting of PGBOS
1.	Ms. Preeti Dabas D/o Sh. Dilbag Singh 2020041100040871	A Study of Bride Buying (Molki) in Haryana	Dr. Manju Panwar	21.10.2022
2.	Ms. Renu D/o Sh. Ram Mehar 2020041100040863	Scope of School Social Work Practice in Inclusive Education: A Study of government School in Haryana	Dr. Deepali Mathur	21.10.2022
3.	Ms. Kavita D/o Sh. Swaraj 2020041100040855	Importance and Utilisation of Welfare Schemes by Elderly in Rural Areas of Haryana: A Social Work Perspective	Dr. Manju Panwar	21.10.2022

RESOLVED THAT THE ABOVE CASES FOR REGISTRATION BE APPROVED. FURTHER RESOLVED THAT IF THERE IS ANY CORRECTION / TYPOGRAPHICAL MISTAKE, THE SAME BE CORRECTED IN VIEW OF THE MINUTES APPROVED BY THE PGBOS CONCERNED.

(Action By: - R&S Branch)

15. To consider and approve the Proposal regarding Introduction of the following two courses in Learning Resource Centre BPSMV, Khanpur Kalan.

1. IELTS Preparatory Course.
2. English Language proficiency Course

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED. FURTHER RESOLVED THAT THE COMPLETION CERTIFICATE OF BOTH THE COURSES BE ISSUED AFTER SUCCESSFUL COMPLETION OF THE COURSE.

(Action By: - Department of English & Academic Branch)

16. To consider the recommendation made by the Fee Concession Committee held on 21.06.2023 at 03.00 P.M. under the convenership of the Dean Students' Welfare.

RESOLVED THAT THE RECOMMENDATIONS OF THE COMMITTEE AS ABOVE BE APPROVED. FURTHER RESOLVED THAT THE PERCENTAGE OF PHYSICALLY HANDICAPPED BE READ AS 40 % INSTEAD OF 60% AS PER GOVERNMENT NORMS.

(Action By: - Academic Branch and Dean Students Welfare)

17. To consider the Registration of one student namely Ms. Rajni in Ph.D. in Deptt. of CSE/IT.

Sr. No.	Name of the Candidate	Title	Name of the Supervisor	Date of meeting of PGBOS
1.	Ms. Rajni D/o Sh. Jai Bhagwan 2021041100042847	Design of Hybrid Techniques for Information Security using Digital Watermarking and Cryptography	Prof. Ajit Singh	24.04.2023

RESOLVED THAT THE ABOVE CASE FOR REGISTRATION BE APPROVED. FURTHER RESOLVED THAT IF THERE ANY CORRECTION / TYPOGRAPHICAL MISTAKE IS FOUND, THE SAME BE CORRECTED IN VIEW OF THE MINUTES APPROVED BY THE PGBOS/DRC/FACULTY CONCERNED.

(Action By: - R&S Branch)

18. To note the action taken by the Vice-Chancellor in approving the proposal for establishment the following teaching Departments in anticipation of the approval of Academic Council.

1. Department of Mass Communication and Journalism.
2. Department of Fine Arts

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE NOTED.

(Action By: - Academic Branch & Estt. Teaching)



Any other item

19. The Vice Chancellor apprised the house that the result of UG and PG courses for the session 2022-2023 have been declared in a time bound manner within 25 days by the Examinations Branch for which the House appreciated Dr. Sandeep Dahiya, Controller of Examinations and his team. Further, the efforts of Prof. Ipshita Bansal, Dean Faculty of Commerce and Management were also appreciated by the House for the development of curriculum according to NEP-2020 in her Faculty.

The meeting ended with a vote of thanks to the chair.


Registrar