



Doon University, Dehradun

Office of the Registrar

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**Minutes of the 24<sup>th</sup> Meeting of the Academic Council**

24<sup>th</sup> meeting of the Academic Council of Doon University was held on 29<sup>th</sup> May 2017 in the Conference Hall of the University at 11:00 AM. Prof. V.K. Jain, Vice Chancellor presided over the meeting. Following members was present in the meeting:

1. Prof. V.K. Jain, Vice Chancellor and Chairperson
2. Prof. S. P. Singh, former Vice Chancellor H.N.B. Garhwal University
3. Prof. D. R. Purohit, (Retd.) English, HNB Garhwal Central University
4. Prof. H. M. Agrawal, Dept. of Physics, GB Pant University
5. Prof. R. C. Agrawal, School of Computer and System Science, JNU
6. Prof. D. S. Negi, Dept. of Chemistry, HNB Garhwal University
7. Prof. Kusum Arunachalam, Professor and Head, SENR
8. Prof. H.C. Purohit, Professor and Head, SoM
9. Dr. Rajesh Kumar, Associate Professor and Head/I/c SoMCS
10. Prof. Harshpati Dobhal, Professor (Visiting), SoMCS
11. Dr. Manoj Bhatt, Associate Professor (Visiting), I/c Dept. of Economics, SoSS
12. Ms Tanvi Negi, Assistant Professor, and I/c, Dept. of Chinese Studies, SoL
13. Ms. Mala Shikha, Assistant Professor and I/c Dept. of Spanish Studies, SoL
14. Mr. Chandrika Kumar, Assistant Professor and I/c Dept. of German Studies, SoL
15. Ms. Juhi Prasad, Assistant Professor, SoMCS
16. Ms. Deepika Bhatia, Assistant Professor and I/c Dept. of Japanese Studies, SoL
17. Dr. Vaishali, Assistant Professor, SoM
18. Ms Dhriti Dhaundiyal, Assistant Professor (on contract) and I/c School of Design
19. Mr Ravi Kumar, Assistant Professor, I/c of Department of English
20. Dr Triloki Pant, Assistant Professor and I/c School of Technology
21. Dr Vikas Sharma, Assistant Professor, Dept. of Physics, SoPS
22. Dr Sarita Singh, Assistant Professor and I/c Dept. of Mathematics, SoPS
23. Dr Arun Kumar, Assistant Professor, I/c Dept. of Chemistry, SoPS
24. Ms Rachna Gussain, Assistant Professor and I/c Dept. of Computer Science

At the outset the Chairperson welcomed the members, specially the new and external members for attending the meeting. He also welcomed Ms Priyanka Singh, President and Ms Jyoti Singh, Secretary, Students Council as special invitees in the meeting. The Chairperson informed the members about the completion of tenure of three members of the Academic Council in December 2016, namely Prof. Gautam Sinha, Director, IIM Kashipur, Late Dr R. S. Tolia, NTPC Chair Professor and Dr Prachi Pathak, Assistant Professor, SoM. The Vice Chancellor on behalf of the Academic Council expressed thanks and appreciation for the valuable contribution and guidance of these three members in the academic growth and development of the University. The Academic Council also observed a two minutes silence in the honour and memory of Dr. R. S. Tolia, who passed away on 6<sup>th</sup> December 2016.

The Registrar informed the members about the five new members namely Prof. Raj S. Dhankar, Faculty of Management Studies, Delhi University, Dr Ram Singh, Professor, Delhi School of Economics, Prof. Ramesh Agrawal, School of Computer and System Science, JNU, New Delhi,

Prof. H. M. Agrawal, Department of Physics, GB Pant University and Dr. D. S. Negi, Dept. of Chemistry, HNB Garhwal University.

The Registrar also informed that Prof. H. S. Dhama has expressed his inability for not attending the meeting due to his prior commitments. Dr. Vipin Kumar Saini, Assistant Professor, SENR is not able to attend the meeting as he is on leave. Dr Richa Joshi Pandey, Assistant Professor, English, Ms Sikha Ahmed, Assistant Professor, Economics and Dr Udita Negi, Assistant Librarian could not attend the meeting as they are on leave. There is no information from Prof. Subhash Dhuliya, Prof. Ram Singh, Prof. Raj S. Dhankar, Dr S. S. Suthar and Dr Gajendra Singh.

**Item 2017:24:02 Confirmation of the Minutes of 23<sup>rd</sup> meeting of the Academic Council held on 16<sup>th</sup> November 2016**

Since no observations have been received the Academic Council approved the Minutes of 23<sup>rd</sup> meeting of the Academic Council.

**Item 2017:24:03 Review of the Action Taken Report on the resolutions of 23<sup>rd</sup> meeting of the Academic Council.**

The Chairperson presented item wise ATR on the resolutions of the 23<sup>rd</sup> meeting of the Academic Council for review.

On Item no. 2016:23:05 with regard to the non-formal Sanskrit teaching centre Prof. V. K. Jain informed the members that the first batch of the students has passed out this month and placed on record the contribution of Mr Devilal Prajapat, Sanskrit Teacher for facilitating Sanskrit teaching classes, Prof. Sudha Rani Pandey, UGC Emeritus Fellow for valuable guidance in setting up the centre and its affairs and Dr. B. M. Harbola, Registrar in the establishment, management and operations of the centre.

On Item no. 2016:23:08 with regard to equivalence/recognition of the high school and intermediate examinations of the UP State Open School it was suggested that the University should write to National Institute of Open School (NIOS) for verifying the credentials of the UP State Open School and the high school and intermediate exam/ certificates being awarded by them. The members were of the view that AIU, New Delhi normally does not respond to such requests. University may also constitute a committee to examine and take a decision on such matters.

There was a fair amount of discussion on the progress on the introduction of MOOCs courses (Item no. 2016:23:10). The Academic Council resolved that all the HoDs, should provide for clear and specific information in their respective curricula and institutionalize these courses formally in consultation with the exam section. All HoDs/faculty should also inform their students about the available options/choices with regard to the MOOCs courses being introduced.

On Item no. 2016:23:11 with regard to recommendations of the core committee constituted for the purpose of granting credits for activities under Swachh Bharat Abhiyan under the compulsory course of Environmental

Science, the Academic Council expressed its displeasure and advised that the committee should submit its recommendations at the earliest.

On Item no. 2016:23:12 the Academic Council resolved that the Schools which have not yet given their syllabi should give the updated syllabi to Mr Ashish Kumar, Assistant Librarian for the institutional repository. The Academic Council also resolved that all the Schools should determine the updated list of the journals that are not mentioned in the UGC approved list of journals and give it to Mr Ashish Kumar.

On Item no. 2016:23:14:01 with regard to introducing B.Com Hons Programme from the academic session 2017-18 the Vice Chancellor was of the view that at the moment let us consolidate the ongoing programmes and advised the Dean and HoD School of Management to introduce the new programme from the academic session 2018-19. He also advised that the School should consider introducing a PG Diploma programme on Travel and Tourism Management or introduce specialization in Travel and Tourism in the Management programme. The Academic Council also resolved that the School of Environmental Science should start/offer a Diploma programme on Disaster Management. It was informed that the Academic Council had earlier approved to start this programme on two occasions in the past. However, SENR has not introduced it as of now. The Chairperson advised the Dean SENR to introduce this course on a priority basis; inform the UGC about starting the programme in self financed mode.

On Item no. 2016:23:14:02 related to nine items of the Department of Chemistry including the Ph.D. programme to be offered by the Department in both odd and even semesters, there was fair amount of discussion in the context of the UGC M.Phil and Ph.D. Regulations 2016 with a focus on the provision and structure of the Entrance exam, specially the research methodology component of the entrance exam. Having discussed the matter the Academic Council constituted a committee comprising of Prof. Kusum Arunachalam, Director IQAC as Chairperson, Dr. Rajesh Kumar, In-charge SoMCS, Mr Chandrika Kuma, In-charge Department of German Studies to look into the matter relating to Ph.D. admission in the academic session 2017-18 and authorized the Vice Chancellor to take a decision on the matter.

On Item no. 2016:23:14:03 with regard to signing of MoU with GBPIHED and WII Prof. Kusum Arunachalam informed that the faculty from GBPIHED will be visiting Doon University to discuss and finalize the modalities. The Chairperson advised the HoD/Dean SENR to invite Prof. S. P. Singh at the time of the visit of the GBPIHED faculty for consultations.

The Academic Council having considered the progress on the resolutions of the 23<sup>rd</sup> meeting approved the action taken report alongwith the further directions and suggestions as given above.

**Item 2017:24:04 To approve Academic Calendar for the academic year 2017-18.**

The Academic Council having considered approved the proposed academic calendar for the academic year 2017-18.

**Item 2017:24:05 To report constraints in offering some academic programmes in the academic year 2017-18**

The Chairperson informed about the issues/reasons of the academic programmes being not offered in the academic session 2017-18. He, however, said that in case the University is able to fulfil the conditions, we may notify these programmes in future.

**Item 2017:24:06 To consider and approve the course structure and syllabus of 3 years MCA programme.**

**Item 2017:24:07 To consider and approve the revised course structure and syllabus of 5 Year Integrated M.Sc. Computer Science programme.**

**Item 2017:24:08 To consider and approve the revised course structure and syllabus of Semester 7 to 10 of the 5 Year Integrated MCA programme.**

The three items pertaining to the academic programmes related to Computer Science were taken up for discussion together. On the query about the relevance of MCA programme and suggested new areas of studies in Computer Science discipline the School of Technology should introduce, Prof. R. K. Agrawal was of the view that the relevance/demand of MCA programme has reduced keeping in view the advancements in the field of Computers and Information Technology. Therefore, the content/courses to be included in the syllabus should reflect the current advancement and developments of Computer/IT Application. Data Analytics is an important upcoming subject that the University may consider to introduce. It was maintained Devi Ahilya University, Indore and Indian Institute of Science have introduced new programmes on Data Analytics.

The Academic Council also advised that the School of Technology should continue to offer the MCA programme in its proposed new format.

The Academic Council approved the course structure and syllabus of 3 years MCA programme, the revised course structure and syllabus of 5 Year Integrated M.Sc. Computer Science programme, the revised course structure and syllabus of Semester 7 to 10 of the 5 Year Integrated MCA programme in principle with the request to Prof. R. K. Agrawal to have a look at the proposed syllabus and course structure and guide the faculty in

this regard. The Academic Council authorized the Vice Chancellor to take a final decision on the items.

**Item 2017:24:09 To consider the suggestion/communication for starting M.A. Political Science.**

Having considered the item the Academic Council constituted a committee comprising of Prof. Harsh Dobhal, Dr Manoj Bhatt, Dr D. R. Purohit and Dr. B. M. Harbola, Registrar to consider and give specific recommendations keeping in view the Detailed Project Report of the University.

**Item 2017:24:10 To report about the award of NAAC Grading to Doon University**

The Academic Council expressed its pleasure for receiving B<sup>++</sup> Grade in the NAAC accreditation process and hoped that this grading shall improve in the next round of NAAC accreditation process.

**Item 2017:24:11 To Report about the Governor's Best University award to Doon University.**

The Academic Council expressed its pleasure for receiving the award of third best University of Uttarakhand.

**Item 2017:24:12 To consider and approve proposal for setting up a Centre for Himalayan Performing Arts, Ritual and Culture at Doon University, Dehradun**

There was a fair amount of discussion on the setting up the Centre for Performing Arts, Ritual and Culture at Doon University. Prof. D. S. Negi informed that the Centre for Performing Arts and Culture is functional at HNB Garhwal University and the three positions of the Director, Deputy Director and Assistant Director created by the State Government have been rationalized by the University Grants Commission. However, keeping in view the State Government's emphasis on protecting, reviving and promoting the folk, art and culture of the State, the strategic location of the University, the academic architecture of the University which provides for a Department of Social Anthropology and the Tribal Research Institute, the proposed Centre can make a significant contribution and offer relevant academic programmes as well.

The Academic Council having considered the proposal approved to set up the proposed centre in principle.

**Item 2017:24:13 To consider and approve restructuring of BA 5<sup>th</sup> and 6<sup>th</sup> Semester courses of Integrated M.A. Japanese.**

The Academic council having considered the details approved restructuring of B.A. 5<sup>th</sup> and 6<sup>th</sup> Semester courses of Integrated M.A. Japanese.

**Item 2017:24:14 To consider and approve restructuring of courses offered in 7<sup>th</sup> and 8<sup>th</sup> Semester of Integrated M.A. Japanese programme.**

The Academic council having considered the details approved restructuring of 7<sup>th</sup> and 8<sup>th</sup> Semester of Integrated M.A. Japanese programme.

**Item 2017:24:15 To consider and approve restructuring of 9<sup>th</sup> and 10<sup>th</sup> Semester courses of M.A. Integrated Japanese Programme.**

While discussing the details of the proposed restructuring of the 9<sup>th</sup> and 10<sup>th</sup> semester courses of M.A. Integrated Japanese programme Ms Mala Sikha furnished the details of the similar restructuring of the Research Methodology Course in the M.A. Integrated Spanish Programme. Having considered the details the Academic Council resolved that the title of the course should be **Research Methodology for Dissertation** instead of Dissertation first and the title of continuing course in 10<sup>th</sup> semester shall remain **Dissertation**.

**Item 2017:24:16 To consider and approve modification in the syllabus of M.Sc. integrated Physics programme:**

The Academic Council having considered the details approved the proposed modification in the syllabus of M. Sc. Integrated programme as follows:

Existing Syllabus	Proposed Syllabus
PHC-201, MATHEMATICAL PHYSICS-II Fourier Series Frobenius Method and Special Functions: Some Special Integrals: Theory of Errors Partial Differential Equations	PHC-201, MATHEMATICAL PHYSICS-II Complex Analysis Fourier Series Theory of Errors Partial Differential Equations
PHC-251, MATHEMATICAL PHYSICS-III Complex Analysis: Integrals Transforms: Fourier Transforms; Laplace Transforms	PHC-251, MATHEMATICAL PHYSICS-III Frobenius Method and Special Functions Some Special Integrals Integrals Transforms: Fourier Transforms; Laplace Transforms

**Item 2017:24:17 To consider and approve introducing Elective Course in Hindi for one semester to the Undergraduate students of 5 Year Integrated M.A. programmes in Foreign Languages**

The Academic Council approved to introduce elective course namely "Functional Hindi (course code-LEL-110) in Hindi as a generic elective in principle. This course may be offered for one semester to the Undergraduate students of 5 Year Integrated M.A. programmes in all five Foreign Languages Department of the School. The Academic Council also resolved that since the University have no sanctioned teaching positions to teach Hindi, the University shall engage guest faculty for teaching the course.

**Item 2017:24:18**

**To consider and approve proposal for establishing a Computational Science Research Centre (CSRC) at Doon University.**

The Academic Council having considered the details approved to establish the Computational Science Research Centre (CSRC).

**Item 2017:24:19**

**To approve the degrees of some students**

The Academic Council having considered approved the award of degree to the following students:

1. Mehak Saini (SCMI-02) Passing year 2014
2. Bhagyashree Thapliyal (SLS-302) passing year 2014
3. Navneet Johar (SMS-173) Passing year 2015
4. Ayush Bharti (SMS-246) Passing year 2016
5. Hardeep Parmar (SLC-175) Passing year 2016

**Item 2017:24:20**

**Any other Item with the permission of the Chair.**

The Chairperson expressed his displeasure on the tendency of the some of the faculty members for late submission of the agenda items for the consideration of the Academic Council as agenda items from the Department of Chemistry, Department of Physics and Department of Mathematics was submitted just before the conduct of the meeting and therefore, could not be included in the details of the agenda items circulated to the members. The Chairperson said that an advisory be issued to concerned HoDs and all the other HoDs to submit the agenda items and associated details well in advance. The Chairperson allowed following items for consideration of the Academic Council:

**Item 2017:24:20:01**

**To consider and approve the revised and restructured categories and credits of Pre Ph.D. courses in Chemistry.**

The Academic Council having considered the recommendations of the Academic Advisory Committee of the Department of Chemistry (minutes of the 5<sup>th</sup> meeting dated 26<sup>th</sup> May 2017) resolved to revise and restructure the categories and credits of Pre Ph.D. course in Chemistry as given in the table below with the advice that there should be uniform credit

requirements for the Ph.D. programmes offered by various Schools/Department of the University. The UGC M.Phil/Ph.D. Regulations 2016 provide for compulsory minimum Pre Ph.D. course work of 14 credits. All Schools/Department should adhere to the credit requirement accordingly.

S.N.	Course Code	Course Title	Credits
1	CYC-700	Research Methodology	04
2	CYC-701	Molecules and Materials: Designing and Characterization	04
3	CYC-702	Basics of Polymer Chemistry	04
4	CYC-703	Catalysts for Chemical Transformation	04
5	CYC-704	Applications of Macromolecules and Nanomaterials	04
6	CYC-705	Bioinorganic and Organometallic Chemistry	04
7	CYC-711	Seminar	01
8	CYE-700	Statistics and Computer Applications	03
9	CYE-701	Spectroscopic and Spectrometric Methods	04
10	CYE-702	Green Chemistry	02
11	CYE-703	Applied Polymer Science	02
12	CYE-704	Bonding and Reaction Mechanisms in Transition Metal Complexes	02
13	CYE-705	Synthetic Strategies and Asymmetric Syntheses	02
14		IPR and Traditional Knowledge	02

**Item 2017:24:20:02 To consider and approve the revised credits of Pre Ph.D. courses in Physics.**

The Academic Council having considered the recommendations of the Academic Advisory Committee of the Department of Physics (meeting dated 27<sup>th</sup> May 2017) resolved to revise the credits of Pre-Ph.D. courses in Physics as given in the table below with the advice that there should be uniform credit requirements for the Ph.D. programmes offered by various Schools/Department of the University. The UGC M.Phil./Ph.D. Regulations 2016 provide for compulsory minimum Pre Ph.D. course work of 14 credits. All Schools/Department should adhere to the credit requirement accordingly.





S.N.	Course Code	Course Title	Credits
1	PHS-701	Research Methodology	4
2	PHC-701	Advanced Solid State Physics	4
3	PHC-702	Advanced Computational Physics	4
4	PHC-703	Characterization of Material	4
5	PHC-704	Advanced Mathematical Physics	4
6	PHC-705	Atomistic Modelling and Simulations	4
7	PHC-706	Nanotechnology	4
8	PHC-707	Research Review	3

**Item 2017:24:20:03 To consider and approve modifications in the syllabi of M.Sc. Mathematics 2 year programme.**

The Department of Mathematics has proposed to modify the syllabi of M.Sc. Mathematics 2 year programme. The members of the Academic Advisory Committee of the Department have held online consultations and have sent their comments and recommendations for the suggested modifications. The Academic Council having considered the comments and recommendations approved the revised syllabi of the two year M.Sc. Mathematics Programme.

**Item 2017:24:20:04 To consider and approve inclusion of one core course in the third semester and two new generic courses in the first and fourth semester of the Integrated M.Sc. Mathematics programme.**

The Academic Council having considered the comments and recommendations of the Academic Advisory Committee (obtained through email) approved the inclusion of courses as per the details given below:

Semester	Course Code	Course Title	Credits (LPT)
Sem- 01	MAG-13	Applied Calculus	6 (5 1 0)
Sem- 03	MAS-203	Special Functions	2 (2 0 0)
	MAC-204	Mathematical Transforms	4 (3 1 0)
Sem- 04	MAG-253	Numerical Methods	6 (5 1 0)

**Item 2017:24:20:05 Items/issues presented by the Students Council Office Bearers**

Ms Priyanka Singh, President, Students Council of the University and Ms Jyoti Singh, Secretary of the Students Council presented the following issues/items for the consideration of the Academic Council:

- To provide for debates at the School level in the process of elections of the representative/office bearers of the Students Council of the University.**

The Academic Council having considered the arguments put forwarded by Ms Priyanka Singh appreciated the suggestions of creating and developing a healthy debating culture in the process of elections of the Students Council and approved to include a schedule for debates at the School level in the election of the School representatives as well as office bearers of the Students Council.

The Academic Council also suggested that respective Schools/Departments should provide for seminars/colloquia to develop their presentation and debating skills. A record of the attendance of the students in such events should be maintained and be structured for the award of marks.

**2. To provide for a course on General English as a generic elective beyond the existing course on communicative English**

The Academic Council having discussed and considered the arguments by Ms Priyanka Singh and Ms Jyoti Singh approved in principle to offer a course on General English as a zero credit generic elective course. However, the School of Languages – Department of English and the guest faculty for communicative English should plan and prepare the details and modalities for offering this course. The Academic Council also resolved to develop an English language lab to help such students who intend to improve their English communication skills.



**(Dr. B. M. Harbola)**  
**Registrar/Secretary**  
**Academic Council**