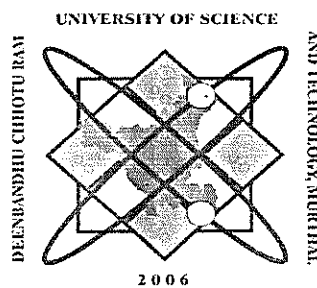


DEENBANDHU CHHOTU RAM UNIVERSITY
OF SCIENCE & TECHNOLOGY, MURTHA



MINUTES OF THE
TENTH

MEETING OF ACADEMIC COUNCIL

held on 12th January, 2016 at 11:00 a.m.
Conference Hall, Sarvepalli Radhakrishnan Bhawan
Administrative Block

No. Acad./AA-2/AC-10/2015/ 3314-32

Dated: 17-03-16

To

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|-----|---|----------|
| 1. | Prof. Raj Pal Dahiya
Vice-Chancellor
Deenbandhu Chhotu Ram University of Science &
Technology Murthal (Sonapat) | Chairman |
| 2. | Sh. Subhash Chandra, IAS
Director- General
Technical Education Department, Haryana
Sector-4, Panchkula | Member |
| 3. | Prof. Manoj Arora
Director, PEC University of Technology.
(Formerly Punjab Engineering College, Chandigarh)
Chandigarh | Member |
| 4. | Prof. Pardeep Kumar
Indian Institute of Technology, Roorkee | Member |
| 5. | Prof. S.C. Kundu
Director, Haryana School of Business
Guru Jambheshwar University of Science and Technology
Hissar | Member |
| 6. | Prof. S.R. Kale
Head, Department of Mechanical Engineering
I.I.T Hauz Khas, Delhi | Member |
| 7. | Prof. (Mrs.) Anu Singh
Department of Management Studies
Guru Govind Singh Inderprastha University
Dwarka, New Delhi | Member |
| 8. | Prof. M.P. Poonia
Director, National Institute of Technical Teachers
Training & Research, Sector 26, Chandigarh | Member |
| 9. | Mrs. Saroj Siwach, IAS (Retd.)
Former Chairperson
Haryana State Environment Impact Assessment, SEIAA
House No. 525, Sector-16, Chandigarh | Member |
| 10. | Professor R.S. Bhardwaj
Dean, Faculty of Engineering & Technology
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 11. | Professor P.K. Bhatia
Dean, Faculty of Science & Technology Interface
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |

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| 12. | Professor D.P. Tiwari
Dean, Faculty of Non-conventional Sources of Energy
& Environmental Science, Deenbandhu Chhotu Ram University of
Science & Technology, Murthal (Sonapat). | Member |
| 13. | Prof.(Dr.) Chitrarekha Kabre
Dean, Faculty of Architecture, Urban & Town Planning
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 14. | Prof. (Dr.) Sujata Rana
Dean, Faculty of Management Studies
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 15. | Prof. (Dr.) Anita Singhrova
Dean, Faculty of Information Technology and Computer Science
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 16. | Professor S.K. Singh
Faculty of Science and Technology Interface
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 17. | Professor D.K. Jain
Faculty of Engineering & Technology
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 18. | Professor J. S. Rana
Faculty of Non-conventional Sources of Energy & Environmental
Science, Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 19. | Dr. Mahabir Singh Dhankhar
Controller of Examinations
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 20. | Dr. Kiran Nehra, Associate Professor
Faculty of Non-conventional Sources of Energy &
Environmental Sciences, Deenbandhu Chhotu Ram
University of Science & Technology, Murthal (Sonapat) | Member |
| 21. | Dr. Aarti Deveshwar, Assistant Professor
Faculty of Management Studies
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 22. | Dr. Pawan Dahiya, Assistant Professor
Faculty of Engineering & Technology
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |

23. Sh. Anil Kumar Yadav
Assistant Professor, Faculty of Non-Conventional Sources
of Energy & Environmental Science
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) Member
24. Sh. Satpal, Assistant Professor
Faculty of Architecture, Urban & Town Planning
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) Member
25. Prof. B.P. Malik
Dean, Academic Affairs
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) Special
Invitee
26. Sh. R. K. Arora
Registrar
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) Secretary

Subject: - Tenth meeting of the Academic Council

Madam,

I am sending herewith a copy of the minutes of the 10th meeting of the Academic Council held on 12th January, 2016 at 11:00 a.m. in the Conference Hall of Sarvepalli Radhakrishnan Bhawan (Administrative Block) of Deenbandhu Chhotu Ram University of Science & Technology, Murthal, (Sonapat).

Discrepancy, if any, in recording of minutes may kindly be conveyed to the undersigned within a week of receipt of the letter.

As above


(R.K. Arora)
REGISTRAR

Dist. No. Acad./AA-2/AC-10/2015/3340

Dated: 17-03-16

A copy of above along with a copy of minutes is forwarded to the Secretary to Hon'ble Governor, Haryana, (Chancellor, Deenbandhu Chhotu Ram University of Science & Technology, Murthal) Haryana Raj Bhawan, Chandigarh (for kind information of Hon'ble Governor-Chancellor).

As above


(R.K. Arora)
REGISTRAR

A copy of the above is forwarded to the following for information:-

1. O.S.D to Vice-Chancellor (for kind information of Hon'ble Vice-Chancellor), Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat)
2. P.A. to Registrar (for kind information of Registrar), Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat)


Assistant Registrar (Acad.)

Minutes of the 10th meeting of Academic Council held on 12th January, 2016 at 11:00 a.m. in the Conference Hall of Sarvepalli Radhakrishnan Bhawan (Administrative Block) of Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat).

The following were present:-

- | | | |
|-----|--|----------|
| 1. | Prof. Raj Pal Dahiya
Vice-Chancellor
Deenbandhu Chhotu Ram University of Science &
Technology Murthal (Sonapat) | Chairman |
| 2. | Sh. K.P.Singh, Joint Director
O/o
Technical Education Department, Haryana
Sector-4, Panchkula | Member |
| 3. | Prof. Pardeep Kumar
Indian Institute of Technology, Roorkee | Member |
| 4. | Prof. (Mrs.) Anu Singh
Department of Management Studies
Guru Govind Singh Indraprastha University
Dwarka, New Delhi | Member |
| 5. | Prof. M.P. Poonia
Director, National Institute of Technical Teachers
Training & Research, Sector 26, Chandigarh | Member |
| 6. | Professor R.S. Bhardwaj
Dean, Faculty of Engineering & Technology
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 7. | Professor P.K. Bhatia
Dean, Faculty of Science & Technology Interface
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 8. | Professor D.P. Tiwari
Dean, Faculty of Non-conventional Sources of Energy
& Environmental Science, Deenbandhu Chhotu Ram University of
Science & Technology, Murthal (Sonapat). | Member |
| 9. | Prof.(Dr.) Chitrarekha Kabre
Dean, Faculty of Architecture, Urban & Town Planning
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 10. | Prof. (Dr.) Sujata Rana
Dean, Faculty of Management Studies
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 11. | Prof. (Dr.) Anita Singhrova
Dean, Faculty of Information Technology and Computer Science
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |

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Faculty of Management Studies
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| 18. | Dr. Pawan Dahiya, Assistant Professor
Faculty of Engineering & Technology
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 19. | Sh. Anil Kumar Yadav
Assistant Professor, Faculty of Non-Conventional Sources
of Energy & Environmental Science
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 20. | Sh. Satpal, Assistant Professor
Faculty of Architecture, Urban & Town Planning
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Member |
| 21. | Prof. B.P. Malik
Dean, Academic Affairs
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Special
Invitee |
| 22. | Sh. R. K. Arora
Registrar
Deenbandhu Chhotu Ram University of Science & Technology
Murthal (Sonapat) | Secretary |

MINUTES OF 10TH MEETING OF ACADEMIC COUNCIL HELD ON 12.01.2016

The Vice Chancellor welcomed all the members of the Academic Council. He thanked the outgoing members and welcomed the new members.

The Academic Council considered the agenda items and decided as under:-

Item No.10_1 Confirmation of Minutes

To confirm the minutes of ninth meeting of Academic Council held on 04.02.2015 (circulated vide letter No. DCRUST/Acad./AC-9/2015/2044-2076 dated 08.05.2015).

Resolved that the minutes of the 9th meeting of the Academic Council held on 04.02.2015 be confirmed.

Item No.10_2 Noted the follow up action taken report on the decisions of the ninth meeting of the Academic Council held on 04.02.2015.

Follow up action and action taken on the decisions of 9th meeting of Academic Council were noted and accepted except item No. 9_9 and 9_12. The following is submitted:-

Regarding item No. 9_9 of 9th meeting of Academic Council, Registrar was requested to pursue admissions to MBA programme on the basis of CAT and CMAT at par with other technical universities of Haryana.

The minutes of 9th meeting of Academic Council were reviewed under item No. 9_12 to consider the eligibility of Ph.D. scholars, Sh. Parveen Kumar, Associate Professor, Deptt. of Architecture and Sh. Satpal, Asstt. Prof., Sh. Parveen Kumar, Associate Professor has submitted his Ph.D. Their candidature was approved for Ph.D. programme.

Regarding item No. 9_22 Academic Council considered and approved the amendment in Ph.D ordinance with the following changes :-

S.No Existing

1. Conversion from Full Time to Part Time
A Full-Time candidate in case not having JRF or any other fellowship/ scholarship may be allowed to convert the full- time registration into part-time only after the completion of the course work.

2. Course Work

All research students shall have to complete the specified course work as per the academic semester schedule. The Course work shall consist of three papers of specified credits out of which one paper of 4

Amended

Conversion from Full Time to Part Time
A Full-Time candidate may be allowed to convert the full- time registration into part-time only after the completion of the course work.

Course Work

All research students shall have to complete the specified course work. The Course work shall consist of three papers of specified credits out of which one paper of 4 credits will be Research Methodology offered by the

credits will be Research Methodology offered by the Department/Faculty. This paper may include quantitative methods and computer applications. It may also involve review of published research in relevant area. The Departmental Research Committee, in consultation with the

Department/ Faculty. The Departmental Research Committee, in consultation with the Supervisor, will assign the course work. The course work should be completed in maximum of three semesters for full time and four semesters for part time Ph.D students.

Supervisor, will assign the course work. The course work should be completed in maximum of two semesters after admission in the university for full time and three semesters for part time Ph.D students.

3. Every student has to appear in two minor tests. If a student does not take a minor /sessional test, she/he shall be awarded zero marks in that test. The marks 20 obtained in minor/sessional are to be submitted to the Examination Branch duly signed by the Chairperson of the Department/ Centre before the close of semester examination or a date fixed by the COE. The minimum qualifying/passing marks/ grade for passing any semester reexamination shall be as follows:

- I. 60% in each major test (Theory paper)/'C' Grade
- II. 50% in each Practical Examination/Viva-Voce Examination ('C' Grade)
- III. 50% marks in each Sessional ('C' Grade)
- IV. SGPA of 6.5

Every student has to appear in two minor tests. If a student does not take a minor /sessional test, she/he shall be awarded zero marks in that test. The marks obtained in minor/sessional are to be submitted to the Examination Branch duly signed by the Chairperson of the Department/ Centre before the close of semester examination or a date fixed by the COE. The minimum qualifying/passing marks/ grade for passing any semester reexamination shall be as follows:

The candidate will maintain a minimum SGPA of 6.5

m No.10_3 To consider the Scheme of Studies and Examination of first to fourth semesters of M. Tech. degree programme in Mechanical Engineering (CAD/CAM) alongwith syllabi of Ist semester

Academic Council considered the Scheme of Studies and Examination of first to fourth semesters of M. Tech. degree programme in Mechanical Engineering (CAD/CAM) alongwith syllabi of Ist semester. Prof. M.P. Poonia, Director, NITTTR, Chandigarh, Prof. Pardeep Kumar, IIT Roorkee and other members were not convinced with the proposed scheme of studies and examination of first to fourth semesters. It was suggested that some research oriented and job oriented subjects be included in the scheme and all the scheme of studies and examinations of all semesters be prepared in one go.

It was further resolved that Prof. M.P. Poonia and Prof. Pardeep Kumar be invited in the meeting of PGBOS of Mechanical Engineering Department to give their inputs in preparing the scheme of studies and examinations of all semesters of M. Tech. degree programme in Mechanical Engineering (CAD/CAM).

No.10_4 To ratify the Scheme of Studies and Examination and Syllabi for 7th semester and to consider the Scheme of Studies and Examination and Syllabi for 8th, 9th and 10th semester of 5 – years Integrated M.Sc. in Mathematics Department.

The Council ratified the scheme of studies, syllabi for 7th semester and examinations of 5 year integrated M.Sc. in Mathematics Department and approved the scheme of studies and examinations and syllabi for 8th semester.

For scheme of studies and examination and syllabi for 9th and 10th semester, Controller of Examinations suggested that more options be given to the students in the scheme of studies, as elective subjects. Some specialized courses (research oriented) should be included in the scheme of examinations.

It was further resolved that Controller of Examinations will give his observations and send the same to the Department of Mathematics for consideration.

No.10_5 To consider the Ordinance of University Research Scholarship.

The Vice Chancellor briefed the Academic Council about Ph.D. admissions. The Committee has already been constituted to look into the details of University Research Scholarship. Report of the committee is still awaited.

No.10_6 To consider the recommendations of UGC circulated vide D.O. No. F.10-6/2011(PS) Misc. dated 6th July, 2015 regarding award of M.Phil/Ph.D. degree.

The Council considered and approved the implementation of recommendations of UGC circulated vide D.O. No. F.10-6/2011(PS) Misc. dated 6th July, 2015 regarding award of M.Phil/Ph.D. degree.

No.10_7 To consider the award of UG/PG/Ph.D degrees and medals to students passing out in academic year 2015-16

The AC was informed that 4th convocation of the university is scheduled to be held on 6th February, 2016. 655 students at UG level and 406 students at PG level completed their academic program in the May/June 2015 examinations and are eligible to receive their respective degrees in the 4th convocation.

No. 10_8 To note and ratify the action taken by Hon'ble Vice-Chancellor (Chairman of Academic Council)

(i) To allow the final semester students and trailing students of extended duration of their academic UG and PG program to take reappear examinations in 2015.

The Academic Council noted and ratified the action taken by Hon'ble Vice-Chancellor (Chairman of Academic Council) to allow the final semester students and trailing

students of extended duration of their academic UG and PG program to take reappear examinations in 2015.

(ii) To note and ratify the action taken for condonation of attendance and issue admit cards for the end semester examinations held in May, 2015.

The Academic Council noted and ratified the action taken by Hon'ble Vice-Chancellor for condonation of attendance and issue admit cards for the end semester examinations held in May, 2015

(iii) To note and ratify the action taken by Hon'ble Vice-Chancellor (Chairman of Academic Council) to allow the students of M.Sc. Mathematics (5 years) and MBA (5 years) Integrated Programmes to exit the program after completion of 6th semester (3 years).

Prof. Pardeep Kumar, IIT Roorkee; Prof. (Dr.) Anu Singh, GGS IPU, New Delhi; Prof. P.K. Bhatia and Prof. Sujata Rana were requested to work out the necessary amendments to be made in the ordinance to exit the program after completion of 6th semester of M.Sc. Mathematics (5 years) and MBA (5 years) Integrated Programmes and award of degrees and change of nomenclature. These should be as per UGC guidelines.

(iv) To note and ratify the action taken by Hon'ble Vice-Chancellor (Chairman of Academic Council) to allow Dr. Sunita, Roll No. 12001533022, student of Master of Hospital Administration (MHA) to complete her Master of Hospital Administration Degree as a special case during the session 2015-16.

The Academic Council noted and ratified the action taken by Hon'ble Vice-Chancellor (Chairman of Academic Council) to allow Dr. Sunita, Roll No. 12001533022, student of Master of Hospital Administration (MHA) to complete her Master of Hospital Administration Degree as a special case during the session 2015-16.

v) To note and rectify the action taken by Hon'ble Vice-Chancellor to allow re-admission as a special case to the students with a fine of Rs. 1000/- for the session 2014-15.

The Academic Council noted and ratified the action taken by Hon'ble Vice-Chancellor to allow re-admission as a special case to the following students with a fine of ₹ 1000/- for the session 2014-15.

Sr. No.	Name	Roll No.	Department
1.	Ashish	12001007005	BME
2.	Manish	12001007010	BME
3.	Vishal	12001007025	BME
4.	Abhishek Saini	11001007004	BME
5.	Aman Kapoor	11001007005	BME
6.	Mayank Tanwar	11001007021	BME

7.	Rohit Ranga	11001007039	BME
8.	Shashikant	11001007043	BME
9.	Vivek	11001007050	BME
10.	Nilansh	12001002032	EE
11.	Kanika Kaul	11001007019	BME

m No.10_9 To consider Ph.D candidature of Sh. Parveen Kumar, Roll No. 11001910001 and Sh. Satpal, Roll No. 1200191006 in the Department of Architecture

The decision of 9th meeting of Academic Council made under item No. 9_12 to consider the eligibility of Ph.D. scholars, Sh. Parveen Kumar and Sh. Satpal was revisited in view of additional information supplied. The Academic Council considered and approved the Ph.D. candidature of Sh. Parveen Kumar, Roll No. 11001910001 and Sh. Satpal, Roll No. 1200191006 in the Department of Architecture.

m No.10_10 To consider the de-registration of research scholar namely Ms. Deep Sikha Verma, Roll No. 09111003.

The Academic Council considered and approved the de-registration of research scholar Ms. Deep Sikha Verma, Roll No. 09111003 since the candidate is continuously absent from January, 2012 i.e. for the last about 7 semesters PGBOS, Department of Computer Science & Engineering has recommended the termination as per clause 13.2 of Ph.D. ordinance.

m No.10_11 To consider to issue a certificate to Research Scholars admitted during the session 2009-10 showing that, Ph.D degree has been awarded as per UGC (Minimum Standard and procedure for award of Ph.D degree) Regulation 2009.

Academic Council considered the matter regarding to issue a certificate to Research Scholars admitted during the session 2009-10 showing that Ph.D degree has been awarded as per UGC Regulation 2009. This was not agreed to since UGC (Minimum Standard and procedure for award of Ph.D. degree) Regulation 2009 was issued in the year 2009.

m No.10_12 To consider the de-registration of research scholars admitted in the department of Physics during the year 2009-10 namely Mr. Darshan Singh, Roll No. 09171001, Ms. Neetu Singh, Roll No. 09171005 and Mr. Vinod Kumar, Roll No. 09171014 and admitted during the year 2012-13 namely Ms. Kavita, Roll No. 129511023, Mr. Dinesh Kumar, Roll No. 09171003, Ms. Heena Dhanopiya, Roll No. 110019551003 and extension period Ms. Suman Sharma, Regn. No. 09171010.

The Academic Council considered and approved the de-registration of research scholars Mr. Darshan Singh, Roll No. 09171001, Ms. Neetu Singh, Roll No. 09171005 and Mr. Vinod Kumar, Roll No. 09171014 and admitted during the year 2012-13 namely Ms. Kavita, Roll No. 129511023, Mr. Dinesh Kumar, Roll No. 09171003, Ms. Heena Dhanopiya, Roll No. 11001951003 and extension period of Ms. Suman Sharma, Regn. No. 09171010 admitted in the department of Physics during the year 2009-10.

m. No.10_13 To consider 1% of the total marks of the scheme of a semester (excluding practical/seminar/project/dissertation etc.) awarded as grace marks to pass in one or more courses/papers of that semester & special sessional examination.

(i) 1% of total marks including sessionals of the scheme of a semester of those theory courses/subjects whose examinations are conducted in the end of the semester (i.e. May/June and Nov./Dec. examinations) shall be awarded as grace marks to pass in one or more courses/subjects of that semester. This provision shall be implemented w.e.f. December 2015 examinations.

(ii) Students enrolled in final semester and those who have completed their normal duration of academic program shall be allowed a special sessional examination of weightage 40% of the maximum sessional marks. This examination will be conducted by the department/college/institution only for those students who have scored less than 40% marks in the sessionals and got re-appear due to deficiency in sessional awards. It is further clarified that this special sessional examination is not for improvement of marks. Out of total awards secured by the candidate in this special sessional examination only the marks required to pass the course/subject shall be considered towards the final score.

No.10_14 To note and ratify the action taken by Hon'ble Vice-Chancellor in approving the use of Indian Standards during B. Arch. theory examinations, held in December 2014.

The Academic Council noted and ratified the action taken by Hon'ble Vice-Chancellor regarding the use of Indian Standards during B. Arch. theory examinations, held in December 2014.

No.10_15 To ratify the Scheme of Studies and Examination and Syllabi for 7th semester of 5 – years Integrated M.Sc. in Mathematics Department.

The Council ratified the scheme of studies and examinations and syllabi for 7th semester of 5-years integrated M.Sc. in Mathematics Department.

No.10_16 To consider the new revised/ modified Ordinance, Scheme of Studies and Examination and Syllabi for M.A. (English) of revised "B" Scheme of all 4 (four) semesters in Humanities Department and proposal to start Five Year Integrated Programme in English from the Academic Session 2016-17

The Dean, Faculty of Management Studies informed the House that in the new revised scheme of M.A English ("Scheme-B") the dissertation paper (which is compulsory in the 4th Semester along with three other papers in the existing Scheme and Syllabi of M.A. English) has been made optional and replaced by two additional compulsory papers. Prof. Anu Singh made the observation that dissertation is usually a desirable

part of any course and thus the idea to make dissertation optional in the IV semester of the new revised Scheme needs to be reconsidered. Therefore, it was resolved that this matter pertaining to the Scheme and Syllabi of IV Semester only be referred back to the department to reconsider it. However, the modified Ordinance, Scheme of Studies and Examination and Syllabi for M.A. (English) of revised "B" Scheme for first three semesters (I, II&III) was approved for implementation with effect from the next academic session 2016-17.

Further, the proposal to start Five Year Integrated Programme in English from the Academic Session 2016-17 was not approved by the Academic Council.

Item No. 10_17 To consider the Fourth Convocation of the University.

The Academic Council noted the 4th convocation of Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat) scheduled to be held on 6th February, 2016. It was informed that Hon'ble Governor-Chancellor will preside over the convocation and the degrees shall be awarded to those candidates who have passed their academic programmes in May/June, 2015 examinations including Ph.D. candidates whose DRC will be completed up to 4th February, 2016. Hon'ble Vice Chancellor invited all the distinguished members of the Academic Council to the 4th Convocation of the university.

Item No. 10_18 To consider the rules for supply of photocopy of the Answer Books to the students concerned after declaration of result.

The matter regarding the supply of photocopy of the Answer scripts was discussed in detail by AC and it was decided that photocopy of the answer scripts shall not be provided. However, the concerned student shall be allowed to inspect his/her answer scripts @ Rupees 100/- per answer book if he/she applied on the prescribed proforma.

Item No. 10_19 To consider the status of three COP Certificate Programmes: request for progress on an urgent basis.

The item was not taken up since this was an administrative matter.

Item No. 10_20 To consider the progress report and Synopsis and minor changes in title of Synopsis.

The Academic Council considered and approved the progress report and synopsis and minor changes in the title of synopsis of Er. Sachin Dass, Regn. No. 129091003 and Er. Parveen, Regn. No. 129091002 alongwith minutes of Department Research Committee of its meeting dated 11.12.2014. The following was resolved:-

- Minor modification made in the title of Synopsis of Shri Sachin Dass was accepted. His earlier title was **Study of Pedestrian of Road.**

Accepted Modified title: **Modeling and Analysis of Pedestrian Safety Standards**

- Progress reports submitted by Shri Sachin Dass were accepted with the remarks that his objectives should be more focused as per title.
- The request made by Supervisor and his student Shri Parveen to change the title excluding the word durability was accepted. His modified topic **Design and Development of Geopolymer Concrete** was accepted.
- Progress reports submitted by Shri Parveen were accepted.

No.10_21(i) To consider the modification in the title of Degree being awarded in the Master of Urban and Rural Planning to M.Plan – Master of Planning with specialization in Urban and Rural Planning)

A committee consisting of Prof. Pardeep Kumar, IIT Roorkee; Prof. (Dr.) Anu Singh, GGS IPU, New Delhi; Prof. P.K. Bhatia and Prof. Sujata Rana was constituted to examine the matter regarding modification in the title of degree being awarded in the Master of Urban and Rural Planning to M.Plan – Master of Planning with specialization in Urban and Rural Planning.

No.10_21(ii) To consider the modification in the title of Degree being awarded in the Master of Construction and Real Estate Management (MCREM) to M. Tech. (Master of Technology with specialization in Construction and Real Estate Management)

A committee consisting of Prof. Pardeep Kumar, IIT Roorkee; Prof. (Dr.) Anu Singh, GGS IPU, New Delhi; Prof. P.K. Bhatia and Prof. Sujata Rana was constituted to examine the matter regarding modification in the title of degree being awarded in the Master of Construction and Real Estate Management (MCREM) to M. Tech. (Master of Technology with specialization in Construction and Real Estate Management.

No.10_22 To consider the matter regarding charging of fee from SC/ST students at the time of admission

It was resolved that the directions of Director-General, Higher Education Haryana received vide letter No. 3/18-2008 Sch.(2) dated 29.07.2015 not to charge fee/funds from SC/ST students be followed in the university.

No.10_23 To consider the proposal of Department of Humanities to start one semester course in Sanskrit Language

The Academic Council considered and approved the proposal of Department of Humanities to start one semester course in Sanskrit Language for students faculty and staff of our university.

No.10_24(i) To consider the Scheme and Syllabus for B. Vocational (Building Technology)

The Academic Council considered and approved the Scheme and Syllabus for B. Vocational (Building Technology) programme as per norms fixed by NSQF (National Skill Quality Framework).

Item No.10_24(ii) To consider the Scheme and Syllabus for B. Vocational (Retail Management)

The Academic Council considered and approved the Scheme and Syllabus for B. Vocational (Retail Management) programme as per norms fixed by NSQF (National Skill Quality Framework).

Item No.10_24(ii) To consider the Fee structure for B. Vocational (Retail Management) and (Building Technology)

The Academic Council considered and approved the fee structure for B. Vocational (Retail Management) and (Building Technology) programme as per NSQF norms.

Any Other Item

Item No.10_25 To consider the Syllabus of Object Oriented Programming (Code: CSE204B)

The Academic Council considered and approved that the Syllabus of Object Oriented Programming (Code: CSE204B) be followed in all the branches wherever this syllabus (CSE204B) exist (copy enclosed).

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


(R. K. Arora)
REGISTRAR

CSE 204B OBJECT ORIENTED PROGRAMMING

B. Tech. Semester - IV (Computer Science and Engg.) (common with IT, AEE and common with ECE, IC,
EEE in Vth Sem)

T P Credits
1 - 4

Class Work : 25 Marks
Examination : 75 Marks
Total : 100 Marks
Duration of Examination : 3 Hours

Standard Library, Preprocessor Directives, illustrative Simple C++ Programs. Header Files and spaces, library files. Concept of objects, Object Oriented Analysis & Object Modeling techniques.

Oriented Concepts: Introduction to Objects and Object Oriented Programming, Encapsulation (name Hiding), Access Modifiers: Controlling access to a class, method, or variable (public, protected, private, package), Other Modifiers, Polymorphism: Overloading, Inheritance, Overriding, Abstract Classes, Reusability

Structures and Data Abstraction: Introduction, Structure Definitions, Accessing Members of Structures, Scope and Accessing Class Members, Controlling Access Function And Utility Functions, Creating Class Objects: Constructors.

Destructors, Classes: Const(Constant) Object And Const Member Functions, Object as Member of Class, Friend Function and Friend Classes, Using This Pointer, Dynamic Memory Allocation with New and delete, Static Class Members, Container Classes and iterators, Function overloading, Operator Overloading: Introduction, Fundamentals of Operator Overloading, Restrictions On Operators Overloading, Operator Functions as Class Members vs. as Friend Functions, Overloading, " " " "

Polymorphism: Introduction, Inheritance: Base Classes And Derived Classes, Protected Members, Casting Between Class Pointers to Derived- Class Pointers, Using Member Functions, Overriding Base -Class Members in a Derived Class, Public, Protected and Private Inheritance, Using Constructors and Destructors in derived Classes, Implicit Derived -Class Object To Base- Class Object Conversion, Abstraction Vs. Inheritance.

Abstraction to Virtual Functions, Abstract Base Classes And Concrete Classes, Polymorphism, New and Dynamic Binding, Virtual Destructors, Polymorphism, Dynamic Binding.

I/O Streams and various operation on files. Stream Input/Output Classes and Objects, Stream Input, Unformatted I/O (with read and write), Stream Manipulators, FormatStates, StreamErrorStates.

Templates & Exception Handling: Function Templates, Overloading Template Functions, Class Template, Function Templates and Non-Type Parameters, Templates and Inheritance, Templates and Friends.

Exceptions and Static Members: Introduction, Basics of C++ Exception Handling: Try Throw, Catch, Catching an Exception;- Catching an Exception, Re-throwing an Exception, Exception specifications, Unexpected Exceptions, Constructors, Destructors and Exception Handling, Exceptions and Exception Handling.

BOOKS

Amila
12/1/16

Object Oriented Programming in Turbo C++ by Robert Lafore, 1994, The WATTE Group Press.
Programming with C++ By D Ravichandran, 2003, T.M.II
Object oriented Programming with C++ by E Balagurusamy, 2001, Tata McGraw-Hill

CE BOOKS

C How to Program by H M Deitel and P J Deitel, 1998, Prentice Hall
Computing Concepts with C++ Essentials by Horstmann, 2003, John Wiley,
The Complete Reference in C++ By Herbert Schildt, 2002, TMII.
C++ Programming Fundamentals by Chuck Easttom, Firewall Media.

In the semester examination, the examiner will set two questions from each unit (total 08 questions in all), covering the entire syllabus. The students will be required to attempt only 5 questions selecting at least one question from each unit.

Amila
12/1/16