

राजस्थान तकनीकी विश्वविद्यालय, कोटा



—: विद्या परिषद :— कार्यवाही विवरण

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| बैठक संख्या | : | पन्द्रहवीं (15) |
| स्थल | : | कुलपति सचिवालय का सभा कक्ष, राजस्थान तकनीकी विश्वविद्यालय, कोटा |
| दिनांक | : | 31 जुलाई, 2014 |
| समय | : | प्रातः 11.00 बजे |

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Minutes of 15th Academic Council Meeting, held on 31/07/2014

Following were present:-

1. Prof. N.S. Vyas
2. Prof. N.P. Kaushik
3. Prof. Rajeev Gupta
4. Prof. (Dr.) Amla Batra
5. Dr. Sonal Jain
6. Dr. Swati V. Chande
7. Prof. S.C. Jain
8. Prof. H.D. Charan
9. Prof. Anil Pathak
10. Prof. Vibhav Chaturvedi
11. Prof. B.P. Suneja
12. Prof. R.Shringi
13. Sh. Praveen Bhandari
14. Prof. R.C. Gaur
15. Prof. Sanjeev Mishra
16. Prof. Praveen Agarwal
17. Prof. A.K. Dwivedi
18. Prof. S.S. Rathore
19. Dr. Dharendra Sharma
20. Prof. K.S. Mahajani
21. Dr. Diwakar Sharma
22. Dr. V.K. Gorana
23. Dr. A.K. Chaturvedi
24. Dr. Prakash Singh
25. Prof. Sandeep Parashar (Special Invitee)
26. Prof. Dinesh Birla, Member Secretary

Prof. Vinay Kmar Pathak, Sh. S.K. Singh, Sh. C.P. Gupta, Dr. Dhananjay Gupta, Prof. N.K. Joshi, Sh. Ravi Juniwal couldn't attend the meeting

Meeting started with the Hon'ble Chairman along with other Hon'ble members lighting the lamp and offering of flowers to Goddess "Saraswati".

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AC 15.01

To welcome the new members of the Academic Council and appreciation of the guidance rendered by the outgoing members.

Academic Council welcomes the new members Sh. Shyam S. Agarwal and Prof. K.V.S. Rao as Member Secretary of the Academic Council.

Academic Council appreciates the able guidance provided by the outgoing members, Sh. Rajeev Swaroop, Smt. Bhagwanti Jethwani, Prof. M.C. Govil, Prof. Yashveer and Dr. G.K. Tyagi.

However, the list of the current members is once again placed for the perusal of the members. (Annexure-15.01 page No. 1-3)

Resolution

At the outset the new members of Academic council, Sh. Shyam S. Agarwal, Prof. H.D. Charan, Dr. Dharendra Sharma, Prof. A.K. Dwivedi, Sh. Prakash Singh, Dr. N.K. Joshi & Dr. Dinesh Birla were welcomed.

Academic Council appreciated the able guidance provided by the outgoing members, Sh. Rajeev Swaroop, Smt. Bhagwanti Jethwani, Prof. M.C. Govil, Prof. Yashveer and Dr. G.K. Tyagi.

AC 15.02

To confirm the minutes of the 13th Academic Council meeting held on 22nd June, 2013 (Annexure-15.02 page No.4-17), and 14th Special Academic Council Meeting held on 20th Feb., 2014 (Annexure-15.02 page No. 18-21).

The meeting of the 13th Academic Council was held on 22.06.2013 (Annexure-15.02 page No.4-17), and 14th Special Academic Council meeting was held on 22.02.2014 (Annexure-15.02 page No. 18-21). Minutes of these meetings were circulated amongst the members. No further comments were received in this regard.

The members may confirm the minutes of meetings

Resolution

Academic council confirmed its minutes of 13th meeting held on 22nd June, 2013 and the 14th Special Academic Council meeting held on 20th Feb., 2014.

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AC 15.03 **To consider action taken report in compliance of 13th Academic council meeting held on 22.06.2013.**

Action taken reports in compliance of Academic Council meeting is placed in the following table for perusal of the members and approval.

Resolution *Action taken report was seen.*

AC 15.04 **To consider action taken report in compliance of 14th Special Academic council meeting held on 20.02.2014.**

Action taken reports in compliance of 14th special Academic council meeting is placed in the following table for perusal of the members and approval.

Resolution *Action taken report was seen.*

AC 15.05 **To consider the minutes of the Research Board meeting held on 30th April, 2014.**

The joint meeting of the Research Boards was held on 30th April, 2014 and the minutes are enclosed (Annexure 15.05 at page 34 to 134).

Resolution of Research Board meeting that need specific deliberation in Academic Council are mentioned below as individual agenda item for Academic Council.

The members may confirm the minutes of meetings.

Resolution *The minutes of the joint Research Board meeting held on 30th April 2014 was confirmed with specific approval/observation for the individual resolutions considered as separate agenda items below.*

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AC 15.5.1

To increase the limit of maximum number of PhD Scholars under the supervision of Associate Professors & Assistant Professors.

It is proposed that there shall not be any differentiation on the basis of cadre for imposing the limit on the maximum number of PhD Scholar under one supervisor. Irrespective of the cadre a supervisor shall be able to enroll maximum eight PhD Scholars under his/her supervision as defined in UGC Regulation 2009.

Maximum limit for supervising PhD Scholar at a time

| Cadre | Present limit | Proposed |
|---------------------|---------------|----------|
| Professor | 8 | 8 |
| Associate Professor | 6 | 8 |
| Assistant Professor | 4 | 8 |

Members may approve the same.

Resolution

The maximum limit for supervising PhD Scholar at a time is approved as below:

| <i>Cadre</i> | <i>Maximum limit</i> |
|----------------------------|----------------------|
| <i>Professor</i> | <i>8</i> |
| <i>Associate Professor</i> | <i>8</i> |
| <i>Assistant Professor</i> | <i>8</i> |

The limit shall include candidate within and outside RTU

AC 15.5.2

To make a provision for recognition of the open course ware of world renowned Technical Universities such as MITs & TU Delft etc. in lieu of the regular classes for the course work of PhD Programme and to seek permission from UGC for the same with due approval of Academic Council.

The exceptionally high quality course material is available from the world renowned technical universities such as MIT and TU Delft etc. in the form of lecture notes, video, audio and home assignments. Primarily looking at the difficulties faced by the employed Part Time Research Scholars in taking long leave from the employer to attend the requisite course work classes, as an possible alternative the open courseware from the world's leader in technical education may be used along with the closely supervised instructions/discussions imparted thorough virtual class room made by the respective course instructor of University Department/Research Centre.

For this purpose the concerned supervisor/course instructor needs to take prior permission of DRC chairperson for the particular course(s) he/she would like the Research Scholar to take by way of open courseware. Such permission shall be sought within the first week of the initial registration of the Research Scholar in PhD programme.

Only in exceptional case where the Part Time Research Scholar who is taking all the three course works delivered in class room mode (two department course works and one on Research Methodology) by way of the open courseware is relieved from the residential requirement during course work. However, such Research Scholar shall be imparted additional instructions/ discussion on the topics through virtual class room mode (at least thrice in a week throughout the semester in lieu of the three regular classes per week) utilizing video chat and instant messaging client such as Skype by the respective course instructor from University Department/Research Centre.

The Part Time Research scholars who are not taking all the three courses mentioned above in open courseware mode are required to attend the classes of the remaining course work in regular fashion

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and shall be required to take the leave from the employer for the entire semester. For the course work imparted to such Part Time Research Scholar as well as other full time Research Scholar in the open courseware mode, the discussion classes at least thrice a week shall be arranged by the respective instructor and record of attendance shall be maintained. Moreover, the full time Research Scholar is required to maintain the attendance in the institute in all the cases as per the R.13.

All the Research Scholars undertaking course works in open courseware mode are required to submit the assignments (on the major topics minimum five) and appear for the mid-term evaluation and end term examination along with other Research scholars at the University Department/Research Centre as per schedule. The supervisor/course instructor assigned for these courses are required to maintain the complete record of all the assignments submitted by the Research Scholar to them and the answer sheets for the mid-term evaluation and end term examination carried out at the University/Research Center for these course works besides complete log of the time and date for the mandatory online contact or the attendance record of the discussion classes whichever is applicable.

Decision to allow a Research Scholar to take course works in open courseware mode solely lie on the supervisor's and course work instructor's recommendation and subsequent permission from the DRC Chairperson. In no case it may be exercised as a matter of right by the Research Scholar and be made precondition while seeking/granting admission for the PhD programme.

The provision of open courseware in lieu of the regular classes for the course work shall come into force after receiving approval from the UGC for the same and will be applicable on the fresh batch of Research Scholar admitted.

The members may approve the same.

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Resolution

The agenda as proposed was approved. It was further resolved to seek the permission of UGC for the same before implementation.

AC 15.5.3

To make provisions in the Ordinance for Comprehensive Examination to enhance the quality check in PhD programme.

Research Scholar registered in the PhD programme must pass a Comprehensive Examination designed to test the overall comprehensiveness of the Research Scholar in the various subjects of his/her intended area of research as specified by Supervisor. This examination is meant to test the student's comprehensive knowledge both in breadth across the general field of study and in depth within the area of specialization. A Research Scholar can appear in the Comprehensive Examination only after he/she has successfully completed the course work requirements laid down in R.6.

Research Scholar may appear in the Comprehensive Examination earliest at the end of the first semester, but must pass it before the end of the fourth semester after their initial registration. For this purpose Research Scholar shall apply in the prescribed form to concerned Supervisor. It is the onus of the Research Scholar to apply and also pass the Comprehensive Examination well within the above said time frame. Only in an extraordinary circumstance the permission to conduct the Comprehensive Examination beyond the fourth semester and before the end of fifth semester may be granted by the DRC Chairperson. For this purpose the Supervisor needs to apply for extension in the time limit to conduct the Comprehensive Examination citing the appropriate reasons for the delay, to the DRC Chairperson. The registration of the Research Scholar who fails to appear/pass within the above maximum time frame shall automatically stand cancelled.

The Supervisor shall announce the date of the Comprehensive Examination at least two weeks before to the Research Scholar to give him/her sufficient time for preparation. Only the Research Scholar who has passed the Comprehensive Examination shall be allowed to proceed further with the research work and are allowed to submit the Research Proposal specified in O.8.

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The Comprehensive Examination Board shall consist of four members namely; Supervisor, two subject expert members (one member shall be faculty member of the University Department and other shall be a faculty member from the outside institute) and the DRC Chairperson. Name of subject experts shall be proposed by the supervisor and shall be forwarded by the concerned head of the Department to the DRC Chairperson for approval. The DRC Chairperson shall also be the convener of the Board.

The comprehensive examination shall consist of an oral and a written exam of 100 marks each. The passing percentage in the comprehensive exam is 50% of the total marks obtained in written & oral exam together. A Research Scholar who fails in a comprehensive exam needs to reappear again in both oral and written exam later at a suitable date.

The question paper for the written exam of four hours duration shall be prepared by a member of the Comprehensive Examination Board other than the Supervisor and shall be evaluated by the same member. There shall be total 8 questions in the written paper and the candidate shall be asked to attempt any five of them. The two questions shall be from the intended area of research as specified by the Supervisor and the remaining 6 shall be based on the two department course works undertaken by the Research Scholar in equal proportion.

The written exam shall be conducted at respective department/research center on a pre-announced date by distributing the question paper received in a sealed envelope from the paper setter. The concerned Head of the Department shall act as coordinator for the conduct of the written exam of research scholar in his/her department. After the written exam is over, the answer sheets shall be sealed in envelope and shall be forwarded on the same day to the paper setter for evaluation. The marks of the written exam shall be communicated in writing by the evaluator to the DRC Chairperson before oral exam.

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The oral exam shall be conducted at the University campus. The honorarium and TA/DA as per the rules of the subject expert (other than University employee) shall be borne by the University; however, the TA/DA for the supervisor shall be borne by the parent institute.

No TA/DA shall be admissible to the Research Scholar to appear in the oral exam. The complete report of the comprehensive examination must be sent by the chairperson, DRC within 8 weeks of the date of the oral exam to the Dean Research.

When a Research Scholar has not passed the Comprehensive Examination in his/her first attempt, a second Comprehensive Examination shall be conducted by the same board that was constituted earlier unless otherwise approved by the Chairperson, DRC on the recommendation of the Supervisor. A Research Scholar shall not be allowed to appear in the Comprehensive Examination more than twice and beyond the maximum time frame stipulated above. Research scholar who remain absent in the comprehensive examination shall be treated as failed in that attempt. The registration of the Research Scholar who fails in the comprehensive examination in two consecutive attempts shall stand cancelled.

The provision of comprehensive examination shall come into force after receiving approval from the higher competent bodies/authorities for change in ordinance and will be applicable on the fresh batch of Research Scholar admitted.

The members may approve the same.

Resolution

The agenda as proposed was approved with minor correction as below:

The Comprehensive Examination Board shall consist of four members namely; Supervisor, two subject expert members (one member shall be faculty member of the University Department and other shall be a faculty member from the outside institute, in case, if university department does not exist, both the subject experts shall be from the outside institute) and the DRC Chairperson.

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AC 15.5.4

To double the number of requisite papers in International Journals mentioned in PhD Ordinance O.14.1 before allowing the Research Scholar to submit the thesis.

It is proposed that to enhance the minimum quality standards acceptable for the award of PhD degree, the Research Scholar may be permitted to submit the thesis only after publication/acceptance of at least two papers (previously one) in peer reviewed International Journal and at least one paper in National Journal/International Conference. This provision shall come into force after receiving necessary approval from the higher competent bodies/authorities for the change in ordinance and will be applicable from the fresh batch of Research Scholar admitted.

The members may approve the same.

Resolution

The agenda was approved with slight modification. It was resolved that the Research Scholar may be permitted to submit the thesis only after publication/acceptance of at least two papers in peer reviewed International Journal and at least one paper in National Journal/International Conference /National Conference.

Further, it was resolved that each DRC shall individually approve the acceptability of journal for publication.

This provision shall come into force after receiving necessary approval from the higher competent bodies/authorities for the change in PhD Ordinance O.14.1 and will be applicable from the fresh batch of Research Scholar admitted as proposed in the agenda.

DBIL

AC 15.5.5

To relieve the local Part Time Research Scholars (working and residing within 50 Km radius from the university/research center where they are seeking admission) from the residential requirement during course work.

It is proposed to relieve the local Part Time Research Scholars (working and residing within 50 Km radius from the university/research center where they are seeking admission) from the residential requirement during course work. However, to avail this benefit applicant must submit a certificate from the employer that he/she shall be allowed to attend the classes of the course work and complete other requirements of Degree while discharging the normal official duties. The certificates required pertaining to O.1.2.2 (i) and (ii) remains the same as that for other Part Time Research Scholar.

Resolution

The agenda as proposed was approved.

AC 15.06

To consider the minutes of the Research Board meeting held on 17th June, 2014.

The joint meeting of the Research Boards was held on 17th June, 2014 and the minutes are enclosed (Annexure 15.06 at Page 135-187). Complete documents of minutes of Research Board meeting with annexure are forwarded to all Hon'ble members separately in electronic form.

Resolutions of Research Board meeting held on 17th June, 2014 that need specific deliberation in Academic Council are mentioned below as individual agenda item for Academic Council.

The members may confirm the minutes of meetings.

Resolution

All the minutes of the Research Board meeting held on 17th June 2014 are confirmed with specific approval/ observation for the individual resolutions considered as separate agenda items below.

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AC 15.6.1

To make amendments in RTU PhD Regulation R.4.1 (b) to make provision of qualifying marks in RTU-DAT examination.

At present there is no provision of qualifying marks in RTU-DAT examinations. It has lead to a situation in which all the candidates appearing in RTU-DAT examination irrespective of the marks scored being qualified to appear in the interview. In the absence of qualifying marks the entrance examination loses its objectivity.

It is proposed to make provision of qualifying marks in RTU-DAT examination and to make it at par with the passing marks of M.Tech. end term theory examination i.e. 33%. Hence, it is proposed to make following addition in RTU PhD Regulation R.4.1 (b):

“An applicant shall be considered qualified for interview if he/she gets 33% marks i.e. total 99 marks out of 300 marks (Paper-I of 100 marks and Paper-II of 200 marks taken together). For applicants of reserved category (SC/ST/Physically handicapped and visually impaired) there would be a relaxation of 5% in the total qualifying marks. Hence, for these reserved category applicants the qualifying marks shall be total 84 marks out of 300 marks of Paper I and Paper II taken together”

The members may approve the same.

Resolution

The agenda was agreed in principle but the qualifying marks in RTU-DAT examination was decided to be kept at 40%. Hence, the following addition in regulation R.4.1 (b) shall be made.

“An applicant shall be considered qualified for interview if he/she gets 40% marks i.e. total 120 marks out of 300 marks (Paper-I of 100 marks and Paper-II of 200 marks taken together). For applicants of reserved categories (SC/ST/Physically handicapped and visually impaired) there would be a relaxation of 5% in the total qualifying marks. Hence, for these reserved category applicants the qualifying marks shall be total 105 marks out of 300 marks of Paper I and Paper II taken together”.

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AC 15.6.2

To make amendment in the RTU PhD regulation R 4.1(g) in view of the RTU-DAT examination being made of qualifying nature.

It is proposed to make the following change in regulation R4.1(g)

“Looking at the availability of the seats in the respective departments/centers, admission to a PhD programme shall be made on the basis of interview. All the qualified applicants of RTU-DAT examination shall be invited for interview.”

The members may approve the same.

Resolution

The agenda as proposed was approved.

AC 15.6.3

To make amendment in the RTU PhD Regulation R 4.1(j) to make it consistent.

It is proposed to make the following amendment in RTU PhD Regulation 4.1(j) to make it consistent with other changes

“On a notified date the DRC shall interview the invited applicants in the order of merit. The DRC shall judge the suitability of the candidate for admission on the basis of applicant’s research aptitude, knowledge of the subject, clear understanding of the proposed research problem, suitability of proposed research methodology, research facilities available and availability of the research supervisor in the proposed research area etc. The applicant shall be allotted the supervisor(s) on the basis of specialization of supervisor, interest area of the applicant and mutual consent of the both. University reserves the right not to fill all the vacant seats in the absence of suitable applicants as decided by the DRC. Merely qualifying the RTU-DAT examination does not entitle the applicant for admission to PhD programme.”

The members may approve the same.

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Resolution

The agenda was approved with minor textual modification. The PhD regulation 4.1 (j) shall be amended as-

“On a notified date the DRC shall interview the invited applicants in the order of merit of RTU-DAT. The DRC shall judge the suitability of the applicant for admission on the basis of applicant’s research aptitude, knowledge of the subject, understanding of the proposed research problem, suitability of proposed research methodology, research facilities available and availability of the research supervisor in the proposed research area etc. The applicant shall be allotted the supervisor(s) on the basis of area of interest of supervisor, interest area of the applicant and mutual consent of the both. University reserves the right not to fill all the vacant seats in the absence of suitable applicants as decided by the DRC. Merely qualifying the RTU-DAT examination does not entitle the applicant for admission to PhD programme.”

AC 15.6.4

To grant approval for the Rajasthan Technical University Research Grant Scheme (RTURGS).

Rajasthan Technical University Research Grant Scheme (RTURGS) is to be introduced with the objective to promote excellence in research by supporting research programs at Research Centers of Rajasthan Technical University in various disciplines in order to create and update the general research capabilities of the faculty members of the various affiliated technical institutes.

The scheme aims to provide financial assistance to the faculty members of affiliated colleges to pursue the research project in the intended area. The details of the scheme are attached with. (page 147-153)

The members may approve the same.

Resolution

The agenda as proposed was approved in principle.

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AC 15.6.5

To grant approval for the Rajasthan Technical University Seminar Grant Scheme (RTUSGS).

In-sync with University's mission to create an opportunity to the academics working in the affiliated institutes by way of providing a forum to disseminate the technical knowledge, experiences and innovations amongst the technical community, Rajasthan Technical University Seminar Grant Scheme (RTUSGS) is to be introduced.

This scheme provides financial assistance to the affiliated Colleges/Institutions for organizing Symposium/Conference/Seminar/Workshop at National and International level in various fields of Technical Education. The Scheme intends to promote high standards in Technical Education. The details of the scheme are attached with. (page 154-156)

The members may approve the same.

Resolution

The scheme was approved in principle. However, it was resolved to form following committee to review the eligibility criteria for the scheme:

- | | |
|--|------------------|
| 1. Prof. N.P. Kaushik, Dean (FOEA), | Chairperson |
| 2. Prof. S.C. Jain, Dean (FOCA) | Member |
| 3. Prof. S. Mishra, Dean (FOMS) | Member |
| 4. Prof. R. C. Gaur, Director, MAIET | Member |
| 5. Prof. S. K. Parashar, Dean (Research) | Member Secretary |

It was resolved further that the committees shall submit its recommendation to the Vice- Chancellor for approval on behalf of Academic Council.

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AC 15.6.6

To grant approval for the Rajasthan Technical University Travel Grant Scheme (RTUTGS).

The Rajasthan Technical University encourages faculty members in its auspices to travel to international venues to present research papers at conference/symposia/seminar or to deliver talks at foreign university. The Travel Grant Scheme is an initiative designed to ensure that the faculty members of the affiliated colleges of Rajasthan Technical University are at par with their global counterparts and to provide them much needed exposure to the academic systems and best practices prevalent globally.

The scheme aims to provide financial assistance to the faculty members of affiliated colleges to present Research Paper/ chairing a session in international conference/symposium/ seminar or for giving a talk at foreign university. The details of the scheme are attached with. (page 157-159)

The members may approve the same.

Resolution

The agenda, as proposed, was approved in principle.

AC 15.6.7

To approve the syllabus of RTU-DAT Exam 2014

The proposed syllabus is attached with. (page 160-187)

The members may approve the same.

Resolution

All the syllabi were approved as proposed except for the syllabus of Nano Materials in Structural Engineering. It was resolved that DRC Chairperson will resubmit the said syllabus incorporating the appropriate modifications if any to the Vice-Chancellor for approval on behalf of Academic Council before RTU-DAT 2014 notification.

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AC 15.07

To consider setting up of Department of Disabilities Studies.

Ministry of Social Justice & Empowerment, Govt. of India has taken a decision for setting up of Department of Disabilities Studies in every University. The Ministry of Human Resource Development and University Grant Commission communicated on the above subject and to take appropriate action by Rajasthan Technical University and to report on subsequent reporting of action taken to the Ministry (Annexure 15.07 Page 188-196).

It is proposed that the matter may be deliberated upon.

Resolution

Members resolved that further clarification on the subject may be sought from the Government.

AC 15.08

To consider the MOU between Central Electronics Engineering Research Institute (CEERI) and RTU Kota.

The objective of MOU is to encourage cooperation between researchers and institute staff and their exchange visits for training and research. The overall objective and scope of this MoU are entitled below:

- (i) The aim of the present agreement is to define the framework for common measures to be taken by CSIR-CEERI and RTU in order to promote the exchange of persons, activities and experience in relevant field of higher education and research.
- (ii) To promote academic and research cooperation between the two institutes for the enhancement of knowledge and vision.
- (iii) To foster the exchange of academic publications and scholarly information.
- (iv) To participate in the other form of cooperation which the two institutions may jointly arrange. Prior to implementation, each initiative in this category will require a formal agreement between the parties outlining all the detailed agreements including the full financial responsibilities of each party, if required.

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Initially the broad areas of common interest have been identified as follows:

- MEMS and MEMS based Sensors
- Nanotechnology
- VLSI Design and Development, Microelectronics and Embedded Systems, Semiconductor Devices.
- RF and Microwave MEMS, Nanosensors Devices and Nanoelectronics.
- High Power Microwave Sources & Plasma Devices.

The scope of the cooperation will also be wide open to other scientific fields of common interest of both the institutions. (Annexure-15.08 page 197-202).

It is proposed members may consider the proposal.

Resolution

The agenda, as proposed, was approved in principle.

AC 15.09

To consider the adjunct faculty position.

University at its headquarters, in order to augment its intellectual capital proposes to hire additional scholastic resource through secondary faculty positions in the form of **Adjunct faculty**. Such faculty members are to contribute for teaching tasks and enhancing research output. These may be persons working in IITs/ NITs/ CSIR/ DRDO/ BITS/ Other reputed Universities/ Deemed Universities/ organizations /industry at senior level, in India or Abroad with good academic record, qualifications and experience or retired persons from such organizations/industry. Adjunct faculty positions are proposed to be offered in three cadres- Adjunct faculty assistant professor (AFAP), Adjunct faculty associate professor (AFASP) and Adjunct faculty Professor (AFP). Detailed regulations prescribing qualifications, selection process and admissibility of travelling, lodging and per diem allowance. (Annexure 15.09 Page 203-204)

It is proposed members may consider this matter.

Resolution

The agenda, as proposed, was approved in principle.

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AC 15.10

To consider the minutes of the 15th & 16th meetings of Faculty of Engineering & Architecture (FOEA) held on 29.07.2013 & 30.05.2014 respectively.

The 15th meeting of the Faculty of Engineering and Architecture was held on 29.07.2013 (Annexure-15.10.1 page No. 205), and 16th meeting of Faculty of Engineering and Architecture was held on 30.05.2014 (Annexure-15.10.2 page No. 206-276). Minutes of these meetings were circulated amongst the members. No further comments were received in this regard.

The members may confirm the minutes of meetings.

Resolution

Scheme and syllabus uploaded on the website and as submitted for the following courses were approved with modifications suggested by members:

| SN | Faculty of Engg. (B.Tech) Course | Scheme submitted | Syllabus submitted |
|----|----------------------------------|-------------------------------|-------------------------------|
| 1 | Aeronautical Engineering | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 2 | Automobile Engineering | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 3 | Ceramic Engineering | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 4 | Civil Engineering | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 5 | Computer Science | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 6 | Electrical Engg. | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 7 | Elect. & Electronics Engg | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 8 | EC Engineering | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 9 | EIC Engineering | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 10 | Information Technology | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |
| 11 | Mechanical Engineering | III, IV, V, VI, VII, V III | III, IV, V, VI, VII, VII I |

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|----|---------------------------------------|--------------------------|--------------------------|
| 12 | Mining Engineering | III,IV,V,VI,VII,V III | III,IV,V,VI,VII,VII I |
| 13 | Petrochemical Engg. | III,IV,V,VI | III,IV,V,VI |
| 14 | Petroleum Engineering | III,IV,V,VI,VII,V III | III,IV,V,VI,VII,VII I |
| 15 | Production and Industrial Engineering | III,IV,V,VI,VII,V III | III,IV,V,VI,VII,VII I |

teaching and examination scheme of B.Arch. was approved with the following corrections:

1. The component and subject level pass marks may be kept in line with the B.Tech courses. However, in view of COA norms for minimum 50% marks in semester aggregate "a student having less than 50% marks semester aggregate may be allowed to improve in any two subjects in which he has secured less than 50% marks".
2. Adding of new electives may not be left open to college. The BOS Architecture may propose more elective (Maximum three for one subject code).

| SN | Faculty of Engg. (B.Tech) Course | Scheme submitted | Syllabus submitted |
|----|----------------------------------|------------------------------------|--------------------|
| I | B.Arch. | I,II,III,IV,V,VI,VII,VIII,I X,X | I and II |

Minutes of the 15th meeting of FOEA held on 29.07.2013 approved with the following observations:

1. All BOS conveners shall submit the equivalence of the subjects in the new and the old scheme for the various courses.
2. The BOS Architecture shall submit the comprehensive course regulations for M.Arch courses at the earliest.

Members confirmed the minutes of 16th meeting of FOEA held on 30.05.2014 with following observations:

FOEA 16.8.1:

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It was resolved that the duration of practical training to be undertaken by B.Tech. Students is increased from existing 30 days to 60 days, after VI semester.

AC 15.11

To consider the minutes of 11th meeting of Faculty of Management Studies (FOMS) held on 5th July, 2014.

The 11th meeting of Faculty of management Studies (FOMS) was held on 5th July, 2014 (Annexure 15.11 Page 277-293). Minutes of the meeting were circulated amongst the members. No further comments were received in this regard.

The members may confirm the minutes of meeting.

Resolution

- 1. Members approved the new scheme of Dual Specialization for MBA program to be introduced from academic session 2014-15, along with the scheme and syllabus of MBA III & IV semester.*
- 2. Scheme and syllabus of MAM program is approved. The BOS is directed to prepare the syllabus of V semester onwards within two months.*
- 3. Scheme of integrated courses in Engineering & Management was approved.*

AC 15.12

To consider the minutes of 5th meeting of Faculty of Computer Applications (FOCA) held on 8th July 2014.

The 5th meeting of Faculty of Computer Applications (FOCA) was held on 8th July, 2014 (Annexure 15.12 Page 294-295). Minutes of the meeting were circulated amongst the members. No further comments were received in this regard.

The members may confirm the minutes of meeting.

Resolution

Approved.

ABIN

AC 15.13

To consider matter regarding recognition of degrees awarded by professional institutions.

University receives a number of queries from students, state Govt. departments seeking clarification on recognition of the academic qualification obtained through examination conducted by professional bodies recognized by UGC/AIU/ UPSC/AICTE as equivalent to B.E/B.Tech. programmes. (Annexure 15.13 page 296-303) A notification is needed to be issued in this respect. The following examinations passed by students are recognized as considered equivalent to B.E./ B.Tech. Degree program for the purpose of recruitment/higher studies:

| SN | Professional Bodies | Examination | Recognized by |
|----|---|----------------------------------|----------------------|
| 1 | Institution of Engineers (India) (IIE), Kolkata | Section A & B Exam. | MHRD |
| 2 | The Institute of Mechanical Engineers (India) (IME), Mumbai | Section A & B Exam. | MHRD |
| 3 | The Institution of Electronics & Telecommunications Engineers, New Delhi (IETE) | Associate Membership Examination | MHRD |
| 4 | Aeronautical Society of India | Associate Membership Examination | MHRD till 31.05.2013 |

It is proposed that the academic qualification obtained through examination conducted by professional bodies recognized by MHRD/UGC/AIU/ UPSC/AICTE as equivalent to B.E/B.Tech. programs may also be treated as recognized by Rajasthan Technical University, Kota for the purpose of higher education and recruitment to services under state government.

The members may approve the same.

Resolution

Members approved the following resolution:

"The academic qualification obtained through examination conducted by professional bodies recognized by MHRD as equivalent to B.E/B.Tech. programs shall be treated as recognized

by Rajasthan Technical University, Kota for the purpose of higher education and recruitment to services under state government".

AC 15.14

To consider the inclusion of more number of electives into B.Tech. Curriculum.

At present, maximum number of electives offered to students in any semester in B.Tech. program is three. However, in order to give more options to the students as well as to include the latest advancements from the specialized fields, it is proposed to increase the number of electives offered to students in semester to four. It is also proposed that a particular elective should be floated, if the minimum number of students registered for that elective is at least ten in number.

The members may approve the same.

Resolution

Members resolved the following :

- 1. At present the number of electives for B.Tech. Curriculum may be limited to three.*
- 2. An elective should be floated if the minimum number of students registered for that elective is at least ten in number.*

AC 15.15

To consider fee transfer policy for students transferred from one affiliated institute to another.

Every year, students request for college transfer and such cases are considered under existing rules of transfer. In this respect when transfer is made from one college to another, the issue of the fee to be charged by college in which student has been transferred arises. It is proposed to adopt a policy in this matter.

The fee on pro-rata basis considering one month or fraction as one unit shall be considered as the fee to be transferred to the institute where student has been transferred for the remaining period in particular semester as indicated in the academic calendar along with the caution money.

For calculation of amount on the **pro-rata*** basis, one month or fraction shall be treated as one unit.

BBIL

Fee on pro-rata basis = (Total semester fee ÷ 6) x (no. of units of stay after admission).

The members may approve the same.

Resolution

Members approved the resolution as mentioned below:

When transfer is made from one college to another, the fee to be charged by the college in which student is transferred shall be calculated as per policy detailed below:

The fee on pro-rata basis considering one month or fraction as one unit shall be considered as the fee to be transferred to the institute where student has been transferred for the remaining period in particular semester as indicated in the academic calendar along with the caution money.

For calculation of amount on the pro-rata basis, one month or fraction shall be treated as one unit.*

**Fee on pro-rata basis = (Total semester fee ÷ 6) x (no. of units of stay after admission).*

AC 15.16

To consider refund policy for the fees deposited on cancellation/withdrawal of admission.

University receives several complaints/ RTI regarding non refund of fees paid by student on withdrawing/ cancelling of their admission. To address this issue there is a need to prepare University Fees Refund Policy to normalize the cases of refund on the withdrawal/cancellation of admission. The members may refer to the policy proposed in this respect as detailed in **Annexure 15.16 page 305-305.**

The members may approve the same.

DBIL

Resolution *Members resolved that this matter may be referred to state level for determination committee/Government.*

AC 15.17 **To consider the norms for gold medal award.**

It is proposed to consider the following norms for the award of Gold Medal.

“Merit rank to the M.Tech. examination would be decided from amongst those students whose results have been declared within six months after the end of 4th semester. For merit ranking, the student must clear all the papers in first attempt and submit his/her thesis within two semesters of completing his 3rd semester examination.”

Members may approve the same.

Resolution *It was resolved that this matter may be considered by the committee as constituted by resolution 15.18.*

AC 15.18 **To consider the proposed regulations for M.Tech. Course in Engineering and Architecture.**

The proposed regulations for M.Tech. Course in Engineering and Architecture is placed for consideration of the members (Annexure 15.18 on page 306-323).

Members may approve the same.

Resolution *Members resolved that a committee may be constituted to make further refinements as suggested by the members in the proposed regulations for M.Tech. course in Engineering in Architecture*

| | | |
|---|-----------------------|------------------|
| 1 | Prof. N.P. Kaushik | Chairman |
| 2 | Prof. B.P. Suneja | Member |
| 3 | Prof. H.D. Charan | Member |
| 4 | Prof. R. Shringi | Member |
| 5 | Sh. Praveen Bhandari | Member |
| 6 | Dr. Vivek Shrivastava | Member Secretary |

The committee shall submit its recommendation within two months.

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AC 15.19

To consider to grant of mercy chance to the students of B.Tech. (2006 Batch), MBA (2009 & 2010 Batch), MCA (2007 & 2008 Batch) and BHMCT (2006 Batch) who have not completed their degree after completion of double the duration of prescribed course time.

In view of the above and in the interest of students, it is proposed to grant a mercy chance to the students of B.Tech. (2006 Batch), MBA (2009 & 2010 Batch), MCA (2007 & 2008 Batch) and BHMCT (2006 Batch) who have not completed their degree after completion of double the duration of prescribed course time.

Members may approve the same.

Resolution

As per the university rules student admitted to MBA/MCA/BHMCT/B.Tech. Course is required to complete the course in 4/6/8/8 years respectively i.e., double the duration describe for the course.

One time additional chance (mercy chance) as special case is approved for the students of B.Tech. (2006 Batch), MBA (2009 & 2010 Batch), MCA (2007 & 2008 Batch) and BHMCT (2006 Batch) who have not completed their degree after completion of double the duration of prescribed course time. However those batches that have already availed such additional chance shall not be entitled for this mercy.

The members resolved that this may be approved as a special case. However, this may not be treated as precedence and no further additional chances shall be given in this respect.

AC 15.20

To consider the panel of experts for the selection committee for faculty.

Panel of experts is proposed in the following disciplines:

1. Electrical Engineering
2. Electronics & Communication Engineering
3. Electronic Instrumentation & Control Engg.
4. Computer Engineering/Information Technology
5. Civil Engineering
6. Mechanical /Production & Industrial Engineering
7. Petrochemical Engineering/Petroleum Engineering
8. Energy & Environment Engineering
9. Chemistry/Physics/English/ Humanities/ Mathematics
10. Nano-Technology
11. MBA

The members may approve the same.

Resolution

The panel of experts as proposed was approved for the following branches:

1. *Electrical Engineering*
2. *Electronics & Communication Engineering*
3. *Electronic Instrumentation & Control Engineering*
4. *Computer Engineering/Information Technology*
5. *Civil Engineering/Geology*
6. *Mechanical /Production & Industrial Engineering*
7. *Petrochemical Engg./Petroleum Engg. /Geophysics*
8. *Chemistry/Physics/English/ Mathematics*
9. *Nano-Technology*
10. *Aeronautical Engineering*

ACT15.01

To consider the amendment in eligibility criterion for admission to B.Tech. (Bio-Technology).

Resolution

It was resolved that before considering the amendment in the eligibility criteria for admission to B. Tech. (Bio-Technology) from compulsory subject combination of "Physics & Mathematics" to "Physics & Mathematics or Biology", information may be sought

ASIN

tee for

from institutes/ organizations for the basis on which in these institutes/ organizations the eligibility criteria for admission to B. Tech. (Bio-Technology) is currently "Physics & Mathematics or Biology".

ACT15.02

To consider the minutes of Recruitment committee meeting held on 19th July 2014.

Resolution

It was resolved that in the equivalence of the relevant/ appropriate discipline in Engg./ Tech. proposed in the Recruitment Committee-2014, word "including" may be added in eligibility before "master degree specialization" for each branch/ department. Also in equivalence of qualification for teaching posts in Petroleum Engineering Deptt., B.Tech. in Mechanical Engineering may also be added with M.Tech. Specialization in Petroleum Engineering.

N. S. Vyas.
(Prof. N.S. Vyas)
Chairman

D. Birla
(Prof. Dinesh Birla)
Member Secretary

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