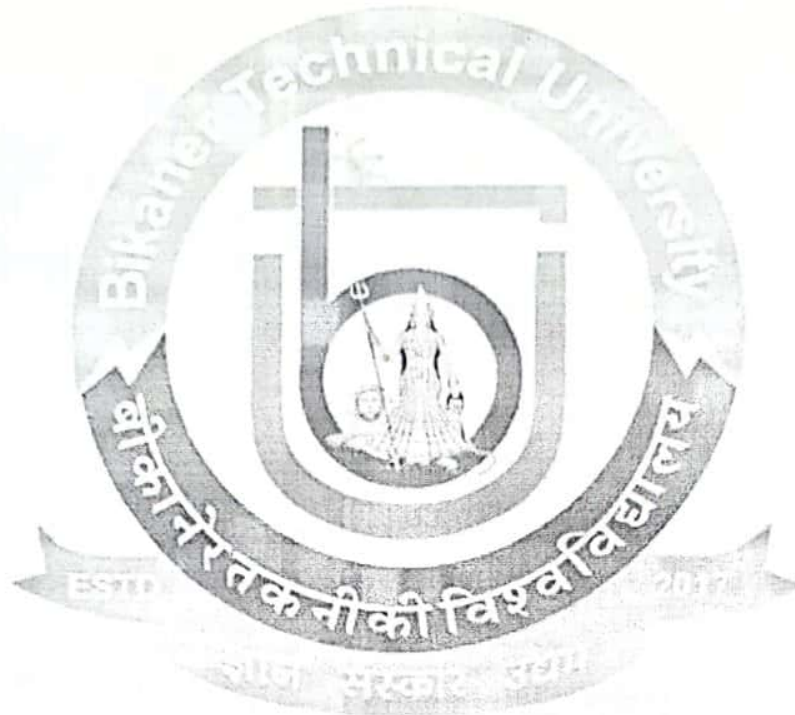


**BIKANER TECHNICAL UNIVERSITY, BIKANER**  
बीकानेर तकनीकी विश्वविद्यालय, बीकानेर



**Academic Council Meeting**

**AGENDA ITEMS**

<b>MEETING No. :</b>	<b>7<sup>th</sup> (Seventh)</b>
<b>Date :</b>	<b>01.11.2021</b>
<b>Day :</b>	<b>Monday</b>
<b>Time :</b>	<b>11:30 AM</b>

**Venue: Virtual / Online**

The 7<sup>th</sup> meeting of Academic Council was held on 01.11.2021 at 11:30 AM and attended by the following Hon'ble members through online mode-

1	Prof A. S. Vidyarthi, Hon'ble Vice-Chancellor, BTU.
2	Prof A Swaminathan, Chairperson, BoS Applied Science.
3	Prof Anil Kothari, Chairperson, BoS Faculty of Management Studies.
4	Prof Asutosh Kumar, Chairperson, BoS Petroleum Engineering.
5	Prof. Bibhuti B. Nayak, Chairperson, BoS Ceramic Engineering.
6	Prof. Mihir Bholey, Chairperson, BoS Bachelor of Design.
7	Prof. R. P. Singh, Chairperson, BoS Agriculture Engineering.
8	Prof. P. K. Bharti, Chairperson, BoS Computer science Engineering, Information Technology & Computer Applications.
9	Prof. Pramod Agarwal, Chairperson, BoS Electrical Engineering, Electronics & Communication Engineering & Electronics and Instrumentation & Control Engineering.
10	Prof. Santosh Kumar Dwivedy, Chairperson, BoS Aeronautical Engineering, Metronics & Mechanical Engineering.
11	Prof. Ajay Khare, Chairperson, BoS Architecture & Town Planning.
12	Prof. B.R. Chahar, Chairperson, BoS Civil Engineering.
13	Prof Piyush Rai, Chairperson, BoS Mining Engineering.
14	Dr. Preeti Pareek, Chairperson, BoS Human Values
15	Dr. Jai Prakash Bhamu, Principal, Govt. Engineering College Bikaner.
16	Dr. Swati Sharma, Principal, Rajasthan Engineering College, Jodhpur.
17	Dr. Shivangi Bissa, Assistant Professor, Govt. Engineering College Bikaner.
18	Dr. Geetam Singh Tomar, Director Rajkiya Engineering College, Sonbhadra, UP
19	Dr. S. K Bansal, Dean FOEA.
20	Dr. Ajeet Singh Poonia, Dean, Faculty of Computer Applications.
21	Dr. Alka Swami, Dean, Human Value Education.
22	Sh. Devendra Tiwari, Assistant Professor, UCET.
23	Dr. Narendra Kumar Thory, Registrar , BTU.

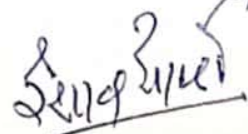
**The following members were specially invited to attend the meeting.**

1	Finance Comptroller, Bikaner Technical University, Bikaner.
2	Controller of Examination, Bikaner Technical University, Bikaner.
3	Dean, Research, Bikaner Technical University, Bikaner. (Nominee of Dean Research attended the meeting).

**The following members could not arrange to attend the meeting.**

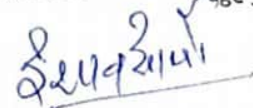
1	The Secretary, Department of Technical Education, GOR.
2	The Director, Department of Technical Education.
3	Dr. S. K Vyas, Dean, Faculty of Management Studies.
4	Dr. Yadunath Singh, Dean Faculty of Applied Science.
5	Sh. Dinesh Juneja, Chairman, SKD University, Hanumangarh.

  
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<b>AC 7.1</b>	<b>Welcome note of Hon'ble Vice Chancellor to all the Members of Academic Council.</b>
Description 7.1	Hon'ble Vice Chancellor welcomes all members of Academic Council. The members of Academic Council are as follows.
Resolution 7.1	The member secretary put up the welcome note and also appraised the services of former Vice-Chancellor Prof HD Charan, Chairperson and members of BoS. Also welcomed Honorable VC Prof. AS Vidyarthi, all the new members and Chairperson of BoS.  Honorable VC Prof. AS Vidyarthi also welcomed all the Hon'ble members of the academic council.
<b>AC 7.2</b>	<b>Confirmation of minutes of the 5<sup>th</sup> and 6<sup>th</sup> meeting of Academic Council held on 21.01.2021 &amp; 22.03.2021 respectively.</b>
Description 7.2	The 5 <sup>th</sup> and 6 <sup>th</sup> Academic Council meeting were held on 21 <sup>st</sup> Jan. 2021 and 22 <sup>nd</sup> March, 2021 respectively and the proceedings were circulated to all members for information and comments, if any (Copy is enclosed as annexure-I).  The approved proceedings of the 5 <sup>th</sup> and 6 <sup>th</sup> Academic Council are placed before Academic Council for confirmation please.
Resolution 7.2	5 <sup>th</sup> Meetings are confirmed. 6 <sup>th</sup> Meetings were not confirmed as matter was sent back to the Academic Council by BoM held on 24 <sup>th</sup> June 2021. As the examination committee of the University is not constituted due to the unavailability of the Statutes, hence the matter is submitted to the high level committee as per AC 7.18 for reformation of the University Examination system including results declaration, for further necessary action.
<b>AC 7.3</b>	<b>Action taken report of the 5<sup>th</sup> &amp; 6<sup>th</sup> meeting of Academic Council held on 21.01.2021 &amp; 22.03.2021 respectively.</b>
Description 7.3	The status of Action Taken Report (ATR) on the decisions of the 5 <sup>th</sup> and 6 <sup>th</sup> meeting of the Academic Council is enclosed (Annexure-II).  The item is placed before the Academic Council for information and approval.
Resolution	Action taken of 5 <sup>th</sup> and 6 <sup>th</sup> AC meetings are noted.



  
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7.3

AC 7.4

**Confirmation of minutes of the 4th meeting of Research Board held on 15 September, 2021.**

Description  
7.4

The 4th meeting of Research Board held on 15 September, 2021 and the proceedings were circulated to all members for information and comments, if any (Copy is enclosed as annexure-III).

The approved proceedings of the 4th meeting of Research Board are placed before Academic Council for confirmation please.

Resolution  
7.4

4th meeting of Research Board are confirmed.

AC 7.5

**To consider and approve the scheme & syllabus of the different new engineering courses/branches (started in the academic session of 2019-20 and 2020-21).**

Description  
7.5


New engineering courses/branches was started in different colleges (constituent/affiliated) in the academic session of 2019-20 which are as follows;

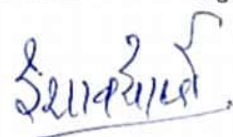
- Computer Science Engineering (Artificial Intelligence & Machine Learning) [CSE (AI&ML)]
- Computer Science Engineering (Data Science) [CSE (DS)]
- Machine Learning & Computing (ML&C)
- Data Science (DS)
- Artificial Intelligence (AI)
- Computer Science Engineering (Artificial Intelligence) [CSE (AI)]

Similarly in the session 2020-21, following courses/branches were started;

- Artificial Intelligence & Data Science (AI&DS)
- Artificial Intelligence & Machine Learning (AI&ML)
- Internet of Things (IoT)

Scheme and detail syllabus (Annexure-IV) of the above mentioned courses/branches for IIIrd & IVth and Vth & VIth Semester is put up for your kind consideration and approval which was already approved/recommended by the concern BoS.

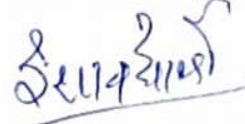
  
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- Resolution 7.5      Agenda item is approved as proposed.
- AC 7.6      To consider and approve the scheme & syllabus of IIIrd and IVth semester of Masters in Computer Applications (MCA).**
- Description 7.6      The scheme & detailed syllabus of IIIrd and IVth semester of Masters in Computer Applications (MCA), also approved/recommended by the concern BoS is enclosed (Annexure-V) for kind consideration and approval.
- Resolution 7.6      Agenda item is approved as proposed.
- AC 7.7      To consider and approve the new scheme & syllabus of Ist and IInd semester of Masters in Computer Applications (MCA) from the session 2021-22 and onwards.**
- Description 7.7      The scheme & detailed syllabus of Ist and IInd semester of Masters in Computer Applications (MCA), also approved/recommended by the concern BoS is enclosed (Annexure-VI) for kind consideration and approval.
- Resolution 7.7      Agenda item is approved. The Honorable members have suggested to prepare the entire scheme and syllabus at the beginning of the course, if possible.
- AC 7.8      To consider and approve the scheme & syllabus of Vth and VIth semester of Fashion Communication, Fashion Design and Interior Design courses.**
- Description 7.8      The scheme & syllabus of Vth and VIth semester of Fashion Communication, Fashion Design and Interior Design courses is enclosed (Annexure-VII) which was also approved/recommended by the concern BoS.  
Item is placed before the council for kind consideration and approval.
- Resolution 7.8      Agenda item is approved as proposed.
- AC 7.9      To consider and approve the scheme & syllabus of IIIrd and IVth semester of Chemical Engineering.**

  
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Description  
7.9 The scheme & syllabus of IIIrd and IVth semester of Chemical Engineering is enclosed (Annexure-VIII) and same is recommended by the BoS Chemical Engineering.  
Item is placed before the council for kind consideration and approval.

Resolution  
7.9 Agenda item is approved.

**AC 7.10 To consider and approve structure/scheme/syllabus for the B.Tech courses for the session 2021-22 onwards keeping in view of the tenets of New Education Policy (NEP)-2020.**

Description  
7.10 To provide academic flexibility and bring the curriculum in accordance to NEP-2020, the University is willing to revamp its Credit Structure and develop new scheme and syllabus for Undergraduate Courses. Consequently, Credit Structure of all 8 Semesters, and Scheme & Syllabus of Ist and IInd Semester has been developed (Annexure-IX).

Item is placed before the council for kind consideration and approval..

Resolution  
7.10 Agenda item is approved. Few members have suggested to incorporate the courses related to social sciences / humanity and other disciplines as elective subjects as prescribed in NEP. Also, the Honorable members have suggested to prepare the entire scheme and syllabus at the beginning of the course, if possible.

**AC 7.11 To consider and approve the subject code for the session 2021-22 onwards as per the new scheme/structure.**

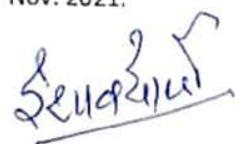
Description  
7.11 Council members are requested to suggest/finalise the uniform coding of the courses in the credit structure, one way of the same is suggested and attached as annexure-X.

Resolution  
7.11 Agenda item is approved. Honorable members also suggested unique code for each elective subject.

**AC 7.12 To consider and approve the Specialization/Minor Specialization with the undergraduate degree as per the NEP/AICTE.**

NEP/AICTE/UGC suggesting more flexibility and opening up

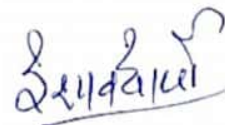
  
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- the scheme/syllabus in such a way that students can get maximum benefits in terms of the doing more courses apart from their minimum degree requirements, so in this way students have an opportunity to earn Specialization OR Minor Specialization along with their basic degree. AICTE is also suggesting (Annexure-XI) to earn extra credit in between of 18-20 to acquire the degree with specialization.
- Council members are requested to put forward the resolution on the said agenda item.
- Description 7.12**
- Resolution 7.12** Agenda item is approved. It is also suggested that apart from the earning of the credits of 18-20 to acquire the degree with specialization, students has to do a project in the same specialization also beginning with sixth semester.
- AC 7.13** To consider and approve the process of Academic Bank of Credit as per the provisions of NEP/AICTE/UGC.
- Description 7.13** As per the NEP-2020, the provision of Academic Bank of Credit (ABC) is introduced. Accordingly University Grant Commission notified the regulation for operation of Academic Bank of Credits in higher education vides ADVT-III/4/Exty./167/2021-22 dated 28th July, 2021 (Annexure-XII). Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued therein, in the Academic Bank Account of Students and the validity of such credits shall be as per norms and guidelines issued by the UGC from time to time.
- Item is placed before the council for further resolution.
- Resolution 7.13** Agenda item is approved as proposed. Council also authorise to the Hon'ble VC BTU for forming committee in this regard and do the needful.
- AC 7.14** **To consider and approve eligibility criteria of admission in B.Tech agriculture programme for students passed 12th in agriculture stream.**
- Description 7.14** All India Association of Funded of Unaided Private Institutions (AIAUPI) requested (Annexure-XIII) for change in admission eligibility criteria for BTech (Agriculture) course, currently eligibility criteria (Physics and/or Math subject) is same for all courses of engineering.

  
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Matter is put up for your kind resolution.

Resolution 7.14 Honorable members have agreed to adopt the admission eligibility criteria for B.Tech agriculture (As prescribed in AICTE's ATH 2021) with 10+2 in agriculture. Also same may be applicable for others courses like BTech in Bio-Technology for students who passed 10+2 with Biology.

AC 7.15 To consider and approve the syllabus of bridge course in mathematics and physics for newly admitted students in the session of 2021-22 onwards.

Description 7.15 Due to changing of the admission eligibility criteria in Engineering degree program by AICTE for passing 10+2 with subjects Physics, Chemistry and Mathematics, and now Physics and/or Math subject passing out students are also eligible to get admission. So there is a need to teach a bridge course for those students who have not studies either Physics or Mathes in 10+2. This may be done during induction program.

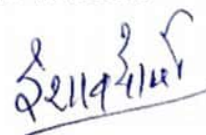
Bridge course syllabus (Annexure-XIV) is placed for your kind approval.

Resolution 7.15 Agenda item is approved as proposed.

AC 7.16 **Seeking direction and appropriate resolution regarding the execution of academic MoU between Bikaner Technical University (BTU) and The Automotive Research Association of India (ARAI) Academy Pune.**

Description 7.16 ARAI is an autonomous Research Institution of the Automotive Industry with the Ministry of Heavy Industries, Govt. of India. It is responsible for vehicle homologation and framing automotive regulations on behalf of the Government of India. ARAI has embarked upon a programme of building up human resources by commencing educational programme with specialization in Automotive Engineering. To quickly brief about the 4 year structure, students will remain with the respective university/college for 1st-3rd year to learn their respective subjects. They will come to ARAI Academy, FID, Pune in their final year, where experts will take their theory & practical sessions in 07th Sem, followed by 06 months project in 08th Sem. Project and placement activities will be handled by ARAI Academy in this last year. ARAI Academy will share the marks

  
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with the university and then the result will be declared by university. Degree awarded by university will have logo of ARAI (Details are attached Annexure-XV).

Members are requested to provide the appropriate resolution.

Resolution 7.16 Agenda item is approved as proposed. To check the proper implementation of the said policy, a committee at the university level may be constituted by the Hon'ble VC for framing the rules and regulation in this regard. Based on the those rules and regulation credit transfer etc may be decided. It is also resolved to encourage such practices for the students by doing more MoUs with other organizations of repute by the university.

**AC 7.17 To approve the guidelines for the cases of regular studies for students who have year gap/s in the studies.**

Description 7.17 University is receiving many requests from the institutes for granting permission of regular study to such student/s who have year gap/s in their study. Council members are requested for appropriate resolution.

Resolution 7.17 For the benefits of students, it has been resolved that permission may be given to those students for regular study in the progressive semesters after a gap of Year/Years, where he/she has appeared in the University examination.

**AC 7.18 To constitute a high level committee for reformation of the University Examination system including result/s declaration and authorise to Honorable Vice-Chancellor to take the final decision/s on the recommendation of the committee.**


Description 7.18 A committee may be constituted for the said task, members are requested to propose the composition and may please authorise to Honorable VC, BTU to take the appropriate decision/s on the recommendation of the committee.

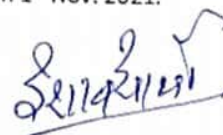
Resolution 7.18 Item is approved as proposed.

#### Reporting Item/s

**RI 7.1 To approve the syllabus of Agribusiness Management of 2nd, 3rd and 4th semester.**

Description Syllabus of Agribusiness Management of 2nd, 3rd and 4th

  
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RI 7.1

semester (Annexure-XVI) was approved by the then Honorable Vice-Chancellor. Academic Council is requested to approve the same.

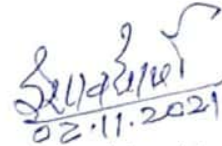
Resolution RI Reporting item is approved as proposed.  
7.1

The member secretary proposed vote of thanks for the efforts and contribution of respected Academic Council members. The same was cheerfully approved and thanking reciprocated.

The meeting ended with vote of thanks to chair.



(Dr. Narender Kumar Thory, RAS)  
Registrar, BTU &  
Member Secretary



(Prof. AS Vidyarthi)  
Vice-Chancellor, BTU &  
Chairman