Venue: Hon. Vice-Chancellor Cabin
Dr. Babasaheb Ambedkar Technological University, Lonere

The 13th Academic Council Meeting was held on July 26, 2019 (Friday) at 11.00 a.m. in the Dr. Babasaheb Ambedkar Technological University, Lonere. The following members were present.

1.	Prof.(Dr.)Vedala Rama Sastry, Vice-Chancellor	Chairman
2.	Dr. M. Sadaiah, Head, Dept. of Mechanical Engg	Member
3.	Dr. K. Vadirajacharya, Head, Dept of Electrical Engg	Member
4.	Dr. Y. S. Mahajan, Head, Dept of Chemical Engg	Member
5.	Dr. S. L. Nalbalwar, Head, Dept of, EXTC.	Member
6.	Dr. L.N. Singh, Head, Physics Dept.	Member
7.	Dr. S. M. Jadhav, Head, Dept. Information Tech,	Member
8.	Dr. B.B. Singh, Head, Dept, Mathematics	Member
9.	Dr. A.P. Shesh, Head, Dept, English	Member
10.	Shri. V.P. Jawanjal, Head, Dept. Petrochemical Engg	Member
11.	Dr. Ulhas Shiurkar, Principal, Deogiri College of Engg.	Member
12.	Dr. Rahul Barjibhe, Professor, S.G. College of Engg. Bhusawal	Member
13.	Dr. R. Balasubramanium, BARC, Mumbai	Member
14.	Dr. V. M. Bhandari, NCL, Pune	Member
15.	Dr. Anil Deshmane, Principal, B.I.T Barshi	Member
16.	Dr. S.R. Choudhary, Principal, J.D.College of Engg. Nagpur	Member
17.	Prof. Dr. Y.V. Joshi, Professor, SGGS IET, Nanded	Member
18.	Mr. M.W. Meshram, RCF, Mumbai	Member
19.	Dr. S. M. Pore, Head, Dept. of Civil Engg.	Member
20.	Dr. M. A. Dabhade, Principal, IoPE, Lonere	Member
21.	Dr. H.A. Mujawar, Head, Chemistry Dept.	Member
22.	Dr. Ajay Jadhav, Principal, Dnyashree College of Engg	Member
23.	Dr. P. K. Katti, I/c Dean, Engineering	Member
24.	Dr. N. H. Aloorkar, I/c Dean, Pharmacy	Member
25.	Dr. Dr. Mrs. Jayshree Gogte, I/c Dean, Architecture	Member
26.	Dr. Dr. S. B. Deosarkar Registrar	Secretary

The following persons were special invitees to the meeting.

1.	Dr. H.S. Joshi, I/c Controller of Examinations	Invitee
2.	Dr. B. F. Jogi, I/c Affiliation Section	Invitee

The following members could not attend the meeting and the leave of absence was granted to them.

1.	Prof. Dr. M. B. Kumthekar, Principal, GCoE, Nagpur	Member
2.	Prof. J.V. Aghav, Professor, COEP, Pune	Member
3.	Prof. Dr. Mohan Khedkar, VNIT, Nagpur	Member
4.	Dr. Nitin Deshmukh , Kotak Finance	Member
5.	Dr. Mrs. Sadhana Chidrawar, Principal, MPGI, Nanded	Member

6. Prof. Dr. V. K. Rathod, ICT, Mumbai   Member
7. Dr. A.W. Kiwelekar, Head, Dept of Computer Engg.   Member

Registrar welcomed all the members of the Academic Council and requested Hon. Vice-Chancellor to start the meeting.

Item No. 1: To confirm the minutes of the 12th Academic Council Meeting held on January 19, 2019

The draft minutes of the 12th meeting of the Academic Council held on January 19, 2019 were sent to the members of the Academic Council for their comments via e-mail. The same were tabled for confirmation.

Resolution: *Since, no comments were received, the minutes of the meeting was confirmed by the Academic Council.*

Item No. 2: Action Taken Report on the minutes of the 12th Academic Council Meeting held on January 19, 2019

The Item-wise Action Taken Report on the minutes of the 12th Academic Council Meeting was tabled before the Academic Council.

Resolution: *The members expressed their satisfaction, and resolved that the minutes were confirmed.*

Item No. 3: To approve the Structure and Syllabus of various courses in the Faculty of Engineering and Technology, Architecture, Pharmacy, Hotel Management and Catering Technology

3.1 The structure and detailed syllabus for following professional programs and academic calendar for the A Y 2019-20 was tabled for discussion:

1. The Faculty of Engineering & Technology.
2. The Faculty of Pharmacy.
3. The Faculty of Architecture.
4. Diploma programs at IoPE.

Resolution: *It was resolved to approve the same and suggested for uploading the same on University Website.*

3.2 Introduction of Auto Cad at first year and New Electives : It is proposed to introduce Auto Cad at first year and New Elective on Automotive Design in Mechanical Engineering Discipline in collaboration with Tata Technologies:

Resolution: *The proposal put up by the chairman BoS Mechanical Engineering was discussed and approved for the adoption of the same from Academic Year 2019-20.*
Subsequently, after due discussion, it was resolved to form a Committee consisting of the following to look into the issue of Replacing traditional Engineering Drawing subject with

CAD/CAM based Engineering Drawing subject:

1. ***Prof. P.K. Katti***   *: Chairman*
2. ***Prof. M. Sadaiah***   *: Mechanical Engineering*
3. ***Prof. A.W. Kiwelekar***   *: Computer Engineering*
4. ***Prof. Rahul Bharjibhe***   *: Mechanical Engineering*
5. ***Prof. Ajay Jadhav***   *: Principal Dnyanashree College of Engineering*

This Committee will submit a Report on Framing of New Syllabus and Implementation model to the Vice-Chancellor by August 31, 2019.

3.3 It is proposed to introduce Add-on-Course and an Elective at Third year & Final Year by the Department of Information & Technology (IT)

It was proposed to introduce Add-on-Course on 'Database Programming' designed by IBM, Pune, by the Board of Studies (IT) and Course credits to reflect on the grade sheet as additional credits.

Resolution: *The AC appreciated the efforts of IT Department and approved the same. It was also suggested all the Disciplines should encourage introduction of such Add-on-Courses in areas of future importance for the benefit of the students of the University.*

Item No. 4: Examination results analysis of Academic Year 2018-19

Dr. H S Joshi presented the status of results for both Odd and Even Semester examinations for the AY 2018-19.

Resolution: *The AC resolved to approve the same.*

The AC appreciated the efforts put up by all in accelerating the new evaluation process brought into effect, and timely declaration of all Regular Examination Results.

The Vice-Chancellor extended a Special Appreciation to Godavari College of Engineering, Jalagon, for the highest contribution towards on-line evaluation of answer books at University level, and Department of Mathematics – DBATU at Campus level.

Item No. 5: Replacement of Relative Grading with Absolute Grading

5.1 Replacement of Relative Grading with Absolute Grading

At present, for B.Tech program, the University has adopted relative grading system. It is proposed to replace relative grading with absolute grading system as given below.

Percentage of marks	Letter Grade	Grade Points
91-100	EX	10.0
86-90	AA	9.0
81-85	AB	8.5
76-80	BB	8.0
71-75	BC	7.5

66-70	CC	7.0
61-65	CD	6.5
56-60	DD	6.0
51-55	DE	5.5
40-50	EE	5.0
< 40	FF	0.0

It is also proposed that the Award of Class be revised as follows:
At present, the Class is awarded based on the CGPA for all eight semesters of B.Tech. Program for

    CGPA   < 5.50   Pass Class

    5.5 ≤ CGPA < 6.00   Second Class

    6.0 ≤ CGPA < 7.50   First Class

    CGPA ≥ 7.50   Distinction

CGPA will be converted into percentage of marks by multiplying CGPA with a factor of 10.0.

CGPA: Cumulative Grade Point Average based on all Eight Semesters.

The above changes in Grading and award of Class will be implemented from the Academic Year 2019-20.

Resolution: *The AC after due deliberations resolved to approve the replacement of the present Relative Grading system by Grading based on Absolute Marks as indicated above, to be effective from AY 2019-20, for all U G and P G students of University from First year to Final Year*

5.2: S**eparate head of Passing for Architecture**

Issues related to mode of Evaluation, Credit System, Pass / Fail and Progression Mechanism etc., for B. Arch program as per requirements of COA were discussed, as per details attached in **Annexure-A.**

Resolution: *The AC resolved to approve the minimum marks requirement as proposed for Continuous Evaluation, Mid-Semester and End-Semester Examinations for B.Architecture.*

5.3: Promotion rules for Pharm D Program

With reference to Point No. 15 of Regulation for Pharm D as published in THE GAZETTE OF INDIA, No.19, PART III, SECTION 4] dated May 10, 2008, Eligibility for promotion to next year:

1. All students who have appeared **for all the subjects and passed** the First Year annual examination **are eligible for promotion to the Second Year** and, so on.

2. **Failure in more than two subjects shall debar him or her from promotion to the next year c**lasses.

It is proposed that considering the meaning of the sentence "**failure in more than two subjects shall debar him or her from promotion to the next year** classes", the students failing in **One or Two subjects** in a year of study, the student should be allowed to keep term (ATKT) and be promoted to next year of study.

Resolution: *The AC resolved to approve the proposal stating that* "*Failure in more than two subjects shall debar the student from promotion to the next year".*

5.4:   Equivalence/backlog subjects to be given while changing of course in II year Diploma program

Principal IoPE presented the case of offering change of program for the students after successful completion of First Year. As per DTE guidelines, these students have to clear some equivalence/backlog subjects as a requirement for the new program. Proposal is made for the approval of Equivalence Subjects (Annexure-B-1).

Resolution: *The AC resolved to approve the new requirements as proposed in Annexure-C.*

Item No. 6: Minimum passing marks at the B.Tech End Semester Examinations - Carrying 60% marks

At present, for B.Tech Program of the University, a total of 100 marks for each theory course are distributed as follows;

1. Mid semester exam (MSE) marks   : 20
2. Internal marks (CA1 and CA2)   : 20
3. End Semester Examination (ESE) marks   : 60

Minimum marks required to clear the course is (from items 1+2+3) 40 marks out of a total of 100. There is no separate minimum marks requirement for Items 1, 2 and 3 separately.

The students who have scored internal marks of 35 or more from MSE, CA1 and CA2 are clearing the course even if they get zero marks in End-Semester examination diluting significance of End Semester examination.

Resolution: *After due discussions, the Academic Council resolved to make it mandatory for every student of B.Tech to score a minimum of 20 marks out of 60 marks from End-Semester Examination, to clear the course in addition to scoring overall 40% of marks out of 100, to maintain the Academic Standards of the University. This Resolution shall be implemented from the batch entering the First Year B.Tech from the academic year 2019-20 , onwards.*

Item No. 7: Minimum credits for "Carry On - Promotion to Next Year"

At present, for B.Tech program, every student has to clear a minimum no. of credits as follows to be promoted to higher class:

i)   60% of the total credits prescribed for first year program for claiming promotion to second year B.Tech Program.

ii)   For claiming promotion to third year, every student has to clear all credits of first year and 60% of the total credits of second year B.Tech.

iii)   For claiming promotion to final year, every student has to clear all credits of second year and 60% of the total credits of third year B.Tech.

Resolution*: After due deliberations*, *it was Resolved to modify the above Promotion Rules for the students of B.Tech Course, from the current academic year, effective for all the students of I, II, III & IV year as follows:*

A) For students admitted directly :

1. Students should clear 60% of the total credits prescribed for First Year B.Tech program for claiming promotion to second year.

2. For claiming promotion to Third year, every student should clear 80% of the total credits of I and II Year B.Tech considered together.

3. For claiming promotion to Fourth year, every student should clear 86% of total credits of I, II and III Year B.Tech considered together.

B) For students admitted Laterly :

1   Students should clear 60% of the total credits prescribed for Second Year B.Tech program for claiming promotion to III year.

1. Students should clear 80% of the total credits prescribed for II & III year B.Tech program considered together for claiming promotion to IV year.

As per the Resolution made above, and in view of the Urgency of the matter, as it is related to promotion of students, and as admissions are already on, this resolution should be implemented for all the students of the University immediately.

Similarly for Diploma students at present to be able to progress for higher classes:

A student must clear minimum 45 credits (i.e. 75% of total credits) to be eligible for the admission to the next year and he/she must clear all the 60 credits of first year and minimum 45 credits of second year to be eligible for admission to third year.

Resolution: After due deliberations, the AC Resolved to modify the above Promotion Rules for the students of Diploma Course, from the current academic year, effective for all the students of I & II, year as follows:

(A) For students admitted Directly :

1. *Students should clear 60% of the total credits prescribed for First Year Diploma program for claiming promotion to second year.*

2. *For claiming promotion to Third year, every student should clear 80% of the total credits of I and II Year considered together.*

(B) For students admitted Laterly :

3. *Students should clear 60% of the total credits prescribed for II Year program for claiming promotion to III year.*

The Student failing in regular and/or subsequent remedial examination or in term work and secured either "FF", "FR" or "XX" will be allowed to re-register for those failed subjects or term work during corresponding semester (Annexure-B-2).

4. *Alternative Arrangement for Mid-Semester and End-Semester Examinations for the students participating & representing the University in NCC, NSS or Sports at Inter-University, National Or International Level competitions:*

Alternative Mid-Semester and End-Semester Examinations will be conducted for the Students representing the University in NCC, NSS or Sports at Inter-University, National Or International Level competitions, in case the dates of such competitions coincide with the dates of said examinations. The student needs to produce certificate duly certified by competent authority to the Controller of Examinations to avail this facility.

Item No. 8: To approve the Equivalence of subjects from the Faculty of Engineering and Technology, Architecture, Pharmacy, Hotel Management and Catering Technology. (for Migrated Students)

Deans of different Faculties proposed Equivalent Subjects to facilitate migration of students from other Universities to DBATU:

Resolution: *The Academic Council resolved to approve the adoption of the same as shown in Annexures-C, D & E.*

Item No. 9: Status of Affiliation for the year 2019-20 in the Faculty of Engineering and Technology, Architecture, Pharmacy and Hotel Management and Catering Technology

Dr. B F Jogi, head affiliation section presented the status of affiliation for the A Y 2019-20 in the Faculty of Engineering and Technology, Architecture, Pharmacy and Hotel Management and Catering Technology, details of which are given below:

Institution's Specialization	Newly applied for affiliation	Continuation of affiliation	Total
Engineering	06	University Departments 01+ Continuation 48 + Permanently Affiliation 10	65
Pharmacy	63	39	102
Architecture	04	05	09
HMCT	01	--	01
B VoC	02	02 (Available in Engg. Institutions)	02
Total Institutes for Affiliation	76	103	179
Total no. of Institutions for Affiliation during AY 2019-2020 is 179			

Resolution*: The A C resolved to approve the report presented for A Y 2019-20 and Proposed to constitute the following committee to streamline the affiliation process such as moderation of: LIC guidelines, report format and to suggest new measures to improve the quality of affiliating institutes:*

    1. Dr. Rahul Barjibhe   *(Chairman)*
    2. Dr. N H Aloorkar   *DeanPhamacy*   *(Member)*
    3 Dr. Jayashree Gogate   *DeanArchitecture*   *(Member)*
    4. Dr. L. N. Singh   *(Member)*
    5. Dr. M. Sadaiah   *(Member)*
    6. Dr. Shivajirao M. Jadhav   *(Member)*
    7. Dr. S M Jadhav   *(Member)*

The Committee will submit a Report along with Report format, suggestions and new measures to improve the quality of affiliating institutes by September 15, 2019, to the Vice-Chancellor / Chairman of Academic Council.

Item No. 10: Convocation for Under Graduate/Post Graduates/Ph.D students of the Academic Years 2017-18 and 2018-19

The following proposal was made for conducting Convocations for the two batches of graduates separately as follows:

1. Convocation for the Batches Graduated during 2017-18 during 2nd week of November 2019.
2. Convocation for the Batches Graduated during 2018-19 during 2nd week of December 2019.

Resolution: The AC resolved to approve the same.

Item No. 11: Recognition of Research Guides in the Faculty of Engineering and Technology, Architecture, Pharmacy, Hotel Management and Catering Technology

The Committee constituted by the Vice-Chancellor for processing the applications called from various Institutions under DBATU, for the recognition of Research Guides in the Faculty of Engineering and Technology, Architecture, Pharmacy proposed the list of Faculty for recognition as Research Supervisors as given below:

✓ Mechanical Engineering	07
✓ Electronics Engineering	04
✓ Electrical Engineering/E&TC (Interdisciplinary)	01
✓ Civil Engineering	03
✓ Chemistry	02
✓ Physics	02
✓ Mathematic	01
✓ Faculty of Pharmacy	11
Total	**31**

Resolution: *After deliberations the Academic Council appreciated the efforts put up by the University in upholding the New Research Standards, and resolved to approve the list of Research Supervisors as attached in Annexure-F.*

Further the need for recognition of Research centres was discussed and proposed to constitute a committee for recognition of affiliated colleges under the University as Research Centres as under;

Prof. P.V. Babu		: Chairman
Prof. P.K. Katti	Dean (FE&T)	: Member
Prof. N. H. Aloorkar	Dean (Pharmacy)	: Member
Prof. Mrs. Jayashree Gogate	Dean (Architecture)	: Member
Prof. L N Singh		: Member
Prof. B. B. Singh		: Member
Prof. M. Sadaiah		: Member
Dr. R. Balasubramanium, BARC, Mumbai		: Member
Dr. V. M. Bhandari, NCL, Pune		: Member
Prof. Rahul Barbhije		: Member
Prof. S.R. Choudhary		: Member

The committee will have a mandate to directly visit the accredited colleges for recognition as research centres, Call applications for Recognition of research centres, and recommend to the authority the institutes fulfilling the norms for recognition.

Item No. 12: Research Committee minutes of various Departments of Faculty of Engineering and Technology

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Following departments submitted Research Committee meeting minutes for consideration and approval:

a) **Department of Electrical Engineering:**
   - Six (06) Research Scholars presented Pre synopsis and have been recommended for thesis write up and submission

b) **Department of Electronics and communication Engineering:**

   - One (01) candidate has been recommended for PhD open defence
   - One (02) Research Scholars presented Pre synopsis and have been recommended for thesis write up and submission
   - Fourteen (14) Research Scholars presented their annual progress seminars before the RC
   - Twelve (12) Research Scholars presented their Bi-annual progress seminars before the RC

c) **Department of Mechanical Engineering: Research Progress committee has recommended for approval of;**
   - One (01) candidate has been recommended for PhD open defence
   - Seven (07) Research Scholars have been recommended for Pre synopsis presentation
   - Biannual progress report of Twenty seven (27) research scholars

> ➢ Extension of tenure for seven (07) Research Scholars by one year from September 2019.
> ➢ Approval of the change in the title of thesis for Four (04) research scholars

d) **Department of Chemical Engineering:**
   > ➢ Four (04) Research Scholars presented Progress seminars
   > ➢ Four (04) recently admitted Research Scholars presented Progress seminar

e) **Department of Physics :** 01 Research Scholars presented Pre synopsis and have been recommended for thesis write up and submission

f) **Department of Chemistry :** 02 Research Scholars presented annual progress report for 2018-19

g) **Department of English:** 03 Research Scholars presented annual progress report for 2018-19

Resolution: The AC resolved to approve the recommendations of Research Progress committee as presented by respective Chairman (Annexure-G).

Item No. 13: Progress Report of TEQIP- III

Professor S B Deosarkar presented the progress of expenditures, procurement details and other activities taken up under TEQUIP III program. Hon vice chancellor expressed his appreciation for achievement of having been selected as high performing Affiliating Technical Universities for additional funding.

Resolution: The A C while appreciating the performance resolved to approve the report presented.

Item No. 14: Any other point with the permission of chair

Table agenda

1. **Ph.D Rules & Regulations:**

The table agenda about the constitution of Research Committees for different disciplines was taken up in view of new research impetus to be given in the University. After due deliberations the following Resolutions are made:

a. *It is resolved to allow cross migration of students with ME/M.Tech in any branch of Engineering / Technology to pursue Ph.D in any branch of Engineering / Technology. This Rule comes into force from the present AY 2019-20.*

b. *It is Resolved to allow students with M.Arch Degree to register for Ph.D in Civil Engineering Discipline in the University. This Rule comes into force from the present AY 2019-20.*

c. **The Departmental Research Committee (DRC) consisting of the following will carry out the Ph.D admission process in the Department:**

1. Head of the Department with Ph.D Degree   : **Chairperson**
   In case HOD does not possess Ph.D Degree, any Associate Professor with Ph.D Degree in the Department, and
   In case no Associate Professor is there in given Department with Ph.D Degree, any Professor from other Departments as Nominated by Dean (of Concerned Faculty) from the Panel of Three (3) Names forwarded by the HOD to the Dean (of Concerned Faculty)
2. ALL Faculty members of the Department possessing Ph.D Degree.
3. Any one of the DRC member will be Nominated as Secretary by the Chairperson.

d. **It is Resolved to Constitute the New Research Progress Assessment Committees for various disciplines as follows for (i) Selection of Ph.D Scholars, (ii) for Assessing Research Progress of the students,(iii) for Assessing Pre-Synopsis Seminar, (iv) for Assessing the Examiners' Reports and Recommending the Ph.D Thesis Viva-Voce Examination, and these New Committees will come into force from the AY 2019-20**.

1. Head of the Department with Ph.D Degree   : **Chairperson**
   In case HOD does not possess Ph.D Degree, any Associate Professor with Ph.D Degree in the Department, and
   In case no Associate Professor is there in given Department with Ph.D Degree, any Professor from other Departments as Nominated by Dean (of Concerned Faculty) from the Panel of Three (3) Names forwarded by the HOD to the Dean (of Concerned Faculty)
2. Research Supervisor (s)   : **Member**
3. Any Faculty with Ph.D Degree from within   : **Member**
   the Department, and otherwise as nominated
   by the Dean of Faculty from other Departments
   from the panel of names forwarded by Supervisors
   through HOD
4. Any Faculty with Ph.D Degree from the : **Member**
   Other Departments holding Ph.D Degree, to be
   nominated by the Dean of Faculty from the
   panel of Three Names forwarded by Supervisors
   through HOD

e. *All the Reports of – (i) Assessment of Research Progress of the students, (ii) Pre-Synopsis Seminar reports, (iv) Ph.D Thesis Examiners' Reports and (iv) Recommending the Ph.D Viva-Voce Examination, will be submitted by the DRC to the Dean of Faculty*

f. *It is Resolved to make it Mandatory for every Ph.D Scholar to publish atleast Two (2) Research Papers in Scopus / SCI Indexed Journals, atleast One (1) in any International Conference and atleast One (1) in any National Conference, for giving Pre-Synopsis / Pre-Submission Seminar. Full Text of the papers published with all details shall be attached at the end of the Thesis as Annexure.*

In addition The Plagiarism Certificate should be submitted, to be duly signed by the Research Supervisors, Forwarded by the Chairperson – Research Committee, to the Dean of Faculty, who in turn will submit the Ph.D Thesis to Controller of Examinations. This Resolution will come into force for all the Ph.D Scholars – Existing and New from AY 2019-20. From now onwards no Ph.D Thesis shall be accepted for Examination, without fulfilling the above criteria.

g. *Regarding the Ph.D Thesis Evaluation, it is Resolved to implement the following constitution of Examiners (Holding Ph.D Degree Only) from AY 2019-20, for all the Ph.D scholars yet to submit the Thesis, and all new scholars:*

PANEL OF EXAMINERS FOR PH.D THESIS EVALUATION

PANEL OF INDIAN EXAMINERS

Name & Affiliation	Specialization
1.	
2.	
3.	
4.	
5.	

PANEL OFFOREIGN EXAMINERS

Name & Affiliation	Specialization
1.	
2.	
3.	
4.	
5.	

Proposed by

Signature of Supervisor (s) with Date

Forwarded by Research Committee of the Department to the Dean of Faculty

Signatures of DRC Chairperson & Secretary with Date

The Panel of Examiners as given above (Five names of Indian Examiners and Five names of Foreign Examiners) will be proposed by the concerned Research Supervisor(s), and will be Recommended by the Departmental Research Committee. Duly signed Panel of Examiners will be forwarded to the Vice-Chancellor through the Dean of Faculty for Final Selection of Examiners for Thesis evaluation by the Vice-Chancellor with One (1) Indian and One (1) Foreign Examiner.

2. **M.Tech Admissions:**

The proposal of admitting students from a given branch of engineering into another relevant branch of engineering at M.Tech level was discussed.

Resolution: After due deliberations, it was resolved to permit students with BE/B.Tech Degree to do M.Tech in any relevant branch of Engineering / Technology encouraging cross migration of students for specialization.

Concerned BOS will recommend the eligible branches for such admissions in their respective disciplines. All the BOS will prepare list of other branches eligible to do M.Tech in their branch of engineering to the Vice-Chancellor by Sept. 15, 2019.

3. B.Tech Level - Majors and Minors:

It was proposed to introduce the concept of Major and Minors at B.Tech level, to enhance learning skills of students, acquisition of additional knowledge in domains other than the discipline being pursued by the student, to make the students better employable with additional knowledge and encourage students to pursue cross-discipline research.

a. Majors

It is proposed to enhance the learning levels of students and acquisition of knowledge by the students from other domains.

- It is proposed to offer B.Tech (Honours) Degree to the students in a given discipline by offering Five Additional Advanced Courses of Four Credits each amounting to 20 Credits, from V Semester onwards.
  Students with a Minimum CGPA of 8 will be eligible for the same, which they have to register from V Semester onwards.
  Student complying with this norm will be awarded B.Tech (Honours) Degree.

b. Minors

It is proposed to offer Five Courses of 4 Credits each from B.Tech V Semester to the students, amounting to 20 Credits, from every Discipline. Students from a given Discipline can opt for these additional courses offered by any other Discipline of their interest.

Students earning these additional 20 Credits will be awarded with B.Tech Degree in ------ Engineering with Minor in ------ Engineering. Students with a Minimum CGPA of 8 will be eligible for the same.

(For eg: B. Tech in Civil Engineering with Minor in Computer Engineerig)

Resolution: It was resolved to adopt the new system of offering Majors and Minors from the AY 2020-21.
The following Committee is formed to formulate the List of Subjects to be offered as Majors and Minors:

Prof. P.K. Katti, Dean (FE&T)	*: Chairman*
Prof. Ulhas Shiurkar	*: Member*
Prof. S.M. Jadhav	*: Member*
Prof. Y.S. Mahajan	*: Member*
Prof. M. Sadaiah	*: Member*
Prof. Rahul Barbhije	*: Member*

The Committee will submit a Report on the List of Courses to be offered (Majors & Minors) along with Syllabus by September 15, 2019, to the Vice-Chancellor / Chairman of Academic Council. The Committee will interact with respective BOS for forming the syllabus for different courses.

4. **New B.Tech Syllabi Structure:**

It is proposed to modify the Syllabi for the B.Tech from AY 2020-21, keeping in view the New National Education Policy 2019, to facilitate students acquire additional knowledge in other domains than being pursued, more inputs from Humanities, involvement of students in activities etc.

The following structure is proposed for the B.Tech Curriculum:

A. Percentage of Basic Sciences : 15%
B. Percentage of Core Subjects, Including Departmental Electives : 45%
C. Percentage of Open Electives, making students to opt from : 20%
   Across various disciplines
   [Every Department should offer Open Electives from IV Semester]
D. Percentage of subjects from Humanities Domain : 20%

Resolution: After due discussions it was resolved to implement the new scheme of B.Tech Syllabi from AY 2020-21. The following Committee is constituted to formulate the subjects/Courses with Uniform credits across all disciplines (Semester wise structure) and submit a Report to the Vice-Chancellor by September 15, 2019:

Prof. P.V. Babu	**: Chairman**
Prof. P.K. Katti	**: Member**
Prof. A.W. Kiwelekar	**: Member**
Prof. Y V Joshi	**: Member**
Prof. J B Dafedar	**: Member**
Prof. S.L. Nalbalwar	**: Member**
Prof. Ulhas Shinde	**: Member**
Prof. Rahul Barbhije	**: Member**
Prof. S.R. Choudhary	**: Member**
Prof. Sachin Pore	**: Member**
Prof. S.M. Jadhav	**: Member**

The Committee will also recommend ONLINE Courses to be opted by the students, and Credits assigned to such courses and accommodation of the same in different Semesters.
The Academic Council meeting was live on air through the Facebook Media.

The meeting ended with thanks to the Chair.