



Panchajanya Vidya Peetha Welfare Trust (Regd)

Dr. Ambedkar Institute of Technology

(An Autonomous Institution, Aided by Government of Karnataka)

Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE New Delhi

BDA Outer Ring Road, Near Jnana Bharathi Campus, Mallathally, Bengaluru - 560 056

Ref. No. **Dr.AIT/Dean/304 /2020-21**

18.08.2020

Dear Sir/Madam

The 18th Online Academic Council meeting is scheduled on 27.08.2020 at 11.00AM. You are requested make it convenient to attend the meeting. Web Link will be sent to respective email in due course.

Agenda :

1. Confirmation of minutes of the previous meeting.
2. Academic Activities during 2019-20
3. Approval of Scheme & Syllabus for the academic year 2020-21.
4. Any other issues with the permission of the chair.

#	Constitution	Nature	Name
1	The Secretary/Managing Trustee,	Invitee	Dr.M.Mahadeva, Managing Trustee / Secretary,PVPWT
2	Principal	Chairman	Dr. C.Nanjundaswamy / Principal
3	All the Heads of Department in the College	Members	Dr S. Vijaya, HOD, CV Dr T.N.Raju, HOD,ME Dr G. Rajendra, HOD, IEM & Dean(E) Dr S. Ramesh, HOD, ECE Dr M. Meenakshi, HOD, EIE Dr G.V.Jayramaiah, HOD, EEE Dr C.R.Yamunadevi., HOD, TE Dr Siddaraju, HOD, CSE Dr M.V. Vijaykumar, HOD, ISE Dr K.J. Shanthi., HOD, ML Dr K.N. Anuradha, HOD, Physics Dr B. Veenadevi, HOD, Chemistry Dr C.E.Nanjundppa., HOD, Mathematics Dr T.R. Shashipriya, HOD, HSS Dr L. Manjunath Rao.L, HOD, MCA Dr Bhaskaran, HOD, MBA
4	Four Teachers of the college representing different levels of teaching staff.	Members	Dr .R,Muruli.R, Professor, Mathamatics Dr .K.M.Purushotham, Professor, ME. Dr .S.D.Venkataraj Mohan, Professor, CV. Dr .S. Vasudevnmurthy, Asso. Professor, EE
5	Five experts from outside the college Representing Industry, R&D Labs, Technical Education	Members	Dr.Narendra Dubey, ducom Instruments,B'luru Dr.Chandra kishan, Professor, Civil, IISc, B'luru, Sri.Srinivasa Ramanujan, TCS, B'luru Dr. Shyam Vasudevarao, Director Renalyx, Sri. M.K. Sharashchandra, DGM, L&T, B'luru
6	Three nominees from the University	Members	Dr. B.V. Ravishankar, Principal, BMSCE, Bengaluru Dr. H.C. Nagaraj, Principal, NMIT, Bengaluru Dr. L. Suresh., Principal, Cambridge Institute of Technology, Bengaluru
7	Co-opted Members	Invitee	Dr. G. Leenagiri, Asso. Professor, CSE Dr. M.V.Mandi, Professor, ECE, Dean (IQAC)
8	A Faculty Nominated by the Principal	Member Secretary	Dr. Siddaraju, Dean (Academic)

Dean(Academic)

Principal



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute Affiliated to VTU, Aided by Govt of Karnataka, Accredited by NAAC with 'A' grade)

Dr.AIT/Dean (A)/333/2019-20

31-8-2020

Minutes of the 18th Academic Council meeting held on Thursday, 27th August 2020 at 11 AM at Dr. AIT

Agenda:

1. Confirmation of minutes of 17th Academic Council meeting held on 27th July 2019.
2. Academic activities during 2019-20.
3. Approval for Academic regulations 2020-21.
4. Scheme and Curricula for the academic year 2020-21.
 - a. UG Programs
 - b. PG Programs - MBA, MTech, MCA.
5. CIE for UG and PG Programs 2019-20
6. SEE for final semester students of UG and PG Programs.
7. Promotion of II, IV, VI semester BE, II semester MBA, MTech, and II, IV semester MCA.

Members present:

Sl No	Constitution	Council Nomination	Name
1	The Secretary/Managing Trustee,	Special Invitee	Dr.M Mahadeva, Managing Trustee / Secretary, PVPWT
2	Principal	Chairman	Dr. C Nanjundaswamy, Principal
3	All the Heads of Department in the College	Members	Dr. S Vijaya, HOD, CV Dr. T N Raju, HOD, ME Dr. G Rajendra, HOD, IEM & Dean(E) Dr. S Ramesh, HOD, ECE Dr. M Meenakshi, HOD, EIE Dr. G VJayramaiah, HOD, EEE Dr. C R Yamuna Devi., HOD, TE Dr. Siddaraju, HOD, CSE Dr. M V Vijaykumar, HOD, ISE Dr. K J Shanthi., HOD, ML Dr. K N Anuradha, HOD, Physics Dr. B Veenadevi, HOD, Chemistry Dr. C E Nanjundppa, HOD, Mathematics Dr. T R Shashipriya, HOD, HSS Dr. L ManjunathRao, HOD, MCA Dr. S Baskaran, HOD, MBA
4	Four Teachers of the college representing different levels of teaching staff.	Members	Dr. R Muruli, Professor, Mathematics Dr. K M Purushotham, Professor, ME. Dr. S D Venkataraj Mohan, Professor, CV.

5	Five experts from outside the college Representing Industry, R&D Labs, Technical Education	Members	Dr. S Vasudevamurthy, Asso. Professor, EE
			Dr. Narendra Dubey, Ducom Instruments, Bengaluru
			Dr. Chandrakishan, Professor, Civil, IISc, Bengaluru
			Sri. Srinivasa Ramanujan, TCS, Bengaluru
			Dr. Shyam Vasudevarao, Director Renalyx, Sri. M K Sharashchandra, DGM, L&T, Bengaluru
6	Three nominees from the University	Members	Dr. B V Ravishankar, Principal, BMSCE, Bengaluru
			Dr. H C Nagaraj, Principal, NMIT, Bengaluru
			Dr. L Suresh., Principal, Cambridge Institute of Technology, Bengaluru
7	Co-opted Members	Invitee	Dr. G Leenagiri, Associate Professor, CSE Dr. M V Mandi, Professor, ECE, Dean (IQAC)
8	Dean (Academic)	Member Secretary	Dr. Siddaraju, Dean (Academic)

The Principal welcomed the Hon'ble Secretary PVPWT and all distinguished members to the 18th Academic Council meeting and briefed the agenda of the meeting and highlighted the significance of academic autonomy granted by UGC and VTU during 2010. He explained the curriculum designed and adopted by Dr AIT during the last one decade in detail. He explained the ways to improve the standard of education by curriculum design based on IITs, NITs and other Premier institutions across India. He described the importance of blended learning, self-learning, MOOCs, virtual laboratories and such other innovative teaching-learning techniques. He further hinted of introducing new courses like Artificial Intelligence, Quantum Computing, Data Science, Internet of Things, Machine Learning, Robotics, Block Chain, Sustainable Engineering, Renewable Engineering, Bioinformatics, Bio mechatronics, Bio composites, Human Psychology, Universal Human Values, and Engineering Economics. The Principal acknowledged the Hon'ble Secretary for being instrumental behind all the happenings in the Institution all these years.

Hon'ble Secretary addressed the members and requested for their continuous support for the improvement of academic and examination related issues.

The Principal requested Dean (A) to continue with the proceedings. Dean (A) welcomed all the members and presented the Academic related matters in

detail for the approval by the Academic Council. The following are the gist of the meeting:

I. Confirmation of minutes of 17th Academic Council meeting held on 27th July 2019.

1. Proceedings of 17th Academic Council meeting held on 27-07-2019 and action taken report were noted and confirmed by the Council.

II. Academic activities during 2019-20.

1. The Dean (Academic) presented about the academic activities carried out during 2019-20 in detail and informed the members that the ODD semester activities were completed as per the calendar of events. However, the academic calendar of the EVEN SEMESTER was modified due to COVID-19 pandemic.
 2. Online classes were conducted using online platforms like Zoom, Cisco WebEx, Google Meet etc. for UG and PG programs during lock down period to complete the syllabus.
 3. Video recordings of laboratory experiments were shared with the students and published in the college website.
 4. Feedback about online teaching was collected from students and parents through Google forms.
 5. Summer semester/ Crash courses would start after the conclusion of Semester End Examinations that is from the second week of September 2020, for final year students.
 6. Webinars were conducted during the lock down period.
- After detailed discussion the academic Council appreciated and ratified the action taken to complete the academic sessions of 2019-20.

III. Approval for Academic Regulations 2020-21.

1. The Dean (Academic) deliberated the academic regulations for the Academic year 2020-21.
2. NFTC cases will be dealt as per the VTU guidelines and the directions of the Hon'ble High Court.

3. The eligibility to appear for makeup SEE is 90% marks in CIE for both UG and PG.
4. Implementation of UG – Honours and Minors degree will be introduced from the academic year 2020-21.
5. The Classes for odd semester, except first semester UG and PG programs starts will from 1-9-2020 through online mode. The classes for First semester UG and PG programs may start from 1-10-2020.
6. The members have suggested to adopt double evaluation system for SEE/SEME/SSEE/SSEME instead of single evaluation with 20% moderation by external evaluators. The issue was deliberated in detail and concluded to have double valuation by both internal evaluators and incase, if it is required external evaluators can be called by the Chairman BOE for second evaluation for both UG and PG programmes.

After detailed discussion the Academic Council approved the above points.

IV. Scheme and Curricula for the academic year 2020-21.

1. After detailed discussion Approval was accorded by the Academic Council for the scheme and syllabus of UG and PG programs for the academic year 2020-21.
 2. Dr. AIT is introducing a new BE degree program, Aeronautical Engineering with 60 intake from 2020-21. The permission from VTU and UGC is obtained for the same.
 3. TCS- elective subjects will be offered by the TCS with effect from 2020-21.
 4. It was resolved to start certification courses at departmental level with the available infrastructure and human resource.
 5. Credit shortage: Some students have shortage of $\frac{1}{2}$ or 1 credit for earning 200 credits to get UG degree. Academic Council approved the same to award $\frac{1}{2}$ or 1 credit through Industrial visit or Seminar assignments.
- After thorough discussion the academic Council approved all the above issues.

V. Continuous Internal Evaluation (CIE) for 20Even Semester of 2019-2020 Academic Year:

UG Programs:

1. CIE - 1 was conducted in the college campus (offline) from 17th to 20th February 2020.

CIE - 2 was conducted from 4th to 8th June 2020 through online mode due to COVID - 19 pandemic.

CIE - 3 was conducted from 8th to 11th July 2020 through online mode due to COVID - 19 pandemic.

PG Programs:

1. CIE - 1 was conducted from 30th May to 10th June 2020 through online mode due to COVID - 19 pandemic.

CIE - 2 was conducted from 2nd to 6th July 2020 through online mode due to COVID - 19 pandemic.

CIE - 3 was conducted from 28th to 31st July 2020 through online mode due to COVID - 19 pandemic.

2. Online CIE were conducted using Google classroom application. Question papers were uploaded to Google classroom comprising students of the particular class. Students were supposed to download the question papers, write the answers and upload the scanned answer sheets to the Google classroom.

After the discussion the Academic Council ratified the above points.

VI. Semester End Examinations (SEE) of August/Sept-2020 for final semester students of UG and PG programs.

1. The Semester End Examinations for intermediate semesters (II, IV & VI Semesters) were not conducted excepting for the subjects, whose marks are based only on viva voce, as per the guidelines of VTU, Government of Karnataka, AICTE, and UGC. The online SEE was conducted for 6th semester Miniproject (all the Programs) and Extensive Survey Project (CV only).
2. The Semester End Examination for intermediate semesters (II semester MBA and MTech and II, IV Semester MCA) were not conducted excepting

the subjects, whose marks are based only on viva voce, as per the guidelines of VTU, Government of Karnataka, AICTE, and UGC. The online SEE was conducted for 4th semester MCA Mini project.

- 3 The Semester End Theory Examination for VIII semester BE, IV semester MBA, VI semester MCA and backlog or arrear subjects of final year students is scheduled from 1st September 2020 in E-Proctored ONLINE mode through Google meet application.
- 4 Question paper pattern for SEE, September 2020 is of Open Choice Type. The question paper contains ten questions, two questions from each unit and students are supposed to answer any five questions. This pattern is applicable only for SEE, September 2020.
- 5 UG and PG dissertation/project viva voce examination will be conducted after the completion of theory examinations through Online mode by two examiners.
- 6 MOCK test was conducted on 24th, 25th and 26th of August 2020 to train students and Proctors for the conduction of Online SEE.
- 8 The students were asked to give their preferred choice to appear for SEE September 2020. Less than 10% of the students preferred to attend SEE in offline mode at Dr. AIT campus. The details were collected through Google forms. After detailed discussion the Academic Council Ratified all the above points and resolved to conduct SEE for final semester students in offline mode also for the students, who are willing to write SEE in the Dr. AIT campus and having problems of power and internet.

VI. Promotion of II, IV, VI semester BE, II semester MBA, MTech, and II, IV semester MCA.

The Procedure for the calculation of Grades for current Intermediate students:

1. The grades for the current intermediate semester students of UG and PG programs are calculated as per VTU guidelines vide Ref: VTU/BGM/Reg(E)/PS/2020-2021/298 dated 31st July 2020.
 - (a) The CIE marks of each subject of current intermediate semester are calculated for maximum of 50 marks.

- (b) The SEE marks of all credit courses of the preceding Odd semester are scaled down to a maximum of 50 marks and averaged. For absentees, SEE marks for that subject are taken as zero. Subject drop/subject withdrawals are discarded.
- (c) The calculated average SEE marks are taken as the SEE marks for each subject of the current Even semester.
- (d) The minimum average SEE marks for passing shall be 10/50.
- (e) The Regulations applicable to minimum CIE, SEE and total marks for the current even semester are as per Dr. AIT regulations.
- (f) Total marks for any subject of the current even semester is the sum of CIE marks of the subject of Even semester (scaled down to 50 marks) and the average SEE marks (scaled down to maximum of 50 marks) of all the credit courses of the preceding Odd semester.
- (g) Grades are assigned based on the prevailing regulations of Dr. AIT.
- (h) Fractional marks are rounded up to the next higher integer.

The results of intermediate semesters were announced on 26-8-2020.

After the discussion the Academic Council agreed with the procedure followed and ratified the above points.


The Academic Council members have appreciated the efforts made by the institute to complete the academic activities of 2019-20 during the contagion period and action taken to organize the online/ offline/ blended Semester End Examination (SEE) for terminal semester of UG and PG programmes as per the Guidelines of UGC/State Government.

The Hon'ble Secretary thanked all the academic members for their time and valued propositions for the academic development and congratulated the Principal, the Dean (A) and others for their timely action in respect of online teaching-learning and virtual reaching of all students during pandemic and preparation made for online /off line SEE for terminal semester as per the guidelines of Statutory Bodies and the State Government.

The Principal thanked the Hon'ble Secretary and other distinguished members for all their suggestions and he assured them to implement through the academic year 2020-21.

The meeting was concluded with vote of thanks by the Principal.


Dean (Academic)
Member Secretary, ACM
Dean (Academic)
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.


Principal
Chairman, ACM
Principal
Dr. Ambedkar Institute of Technology
Bangalore - 560 056

Copy with compliments to:

1. Hon'ble Secretary, PVPWT for information.
2. Members of Academic council.