Dr. Ambedkar Institute of Technology, Bengaluru -56

Estd. In 1980 (An Autonomous Institution affiliated to VTU, Belagavi), Approved by AICTE, New Delhi, Grant in Aid Institution (Govt. of Karnataka,) Accredited by NBA &   NAAC with 'A' Grade)

Minutes of the Meeting of the Nineteenth Academic Council

The nineteenth meeting of Academic Council was held on Wednesday, 15th September 2021 at 11 AM in the Board Room. The meeting was held both in offline and online mode.

Members Present:

Sl. No.	Name	Designation	Position
1	Sri. A. R. Krishnamurthy	Hon'ble Secretary, PVPWT	Special Invitee
2	Dr B. N. Umesh	Hon'ble Treasurer, PVPWT	Special Invitee
3	Prof. N. C. Shivaprakash	Mentor, Dr. AIT	Special Invitee
4	Dr. M. Meenakshi	Principal	Chairman
5	Dr. M. V. Vijayakumar	Vice-Principal & Head, ISE	Member
6	Dr. S. Vijaya	Head, CV	Member
7	Dr. T. N. Raju	HoD, ME	Member
8	Dr. G. Jayaramaiah	HoD, EEE, Dean(R & D)	Member
9	Dr. S. Ramesh	HoD, ECE	Member
10	Dr. Ganapathi V Sagar	HoD, EIE	Member
11	Dr. N. Mohan	HoD IEM,	Member
12	Dr. Siddaraju	HoD, CSE	Member
13	Dr. C. R. Yamuna Devi	HoD, ETE	Member
14	Dr. K. J. Shanthi	HoD, ML	Member
15	Dr. K. N. Anuradha	HoD, Physics	Member
16	Dr. A. A. Jahagirdar	HoD, Chemistry	Member
17	Dr. C. E. Nanjundappa	HoD, Mathematics	Member
18	Dr. T. R. Shashipriya	HoD, HSS	Member
19	Dr. Bharathi S	HoD, MCA	Member
20	Dr. S. Baskaran	HoD, MBA	Member
21	Dr. Prashanth C R	Dean (E)	Member
22	Dr. Gangadhar Shetty	Professor, ME	Member
23	Prof. Kenchamarappa	Asso. Prof., Physics	Member
24	Prof. Sridevi	Asso. Prof., EIE	Member
25	Dr. Aravind	Asst. Prof., ETE	Member
26	Sri. Srinivasa Ramanujan	TCS, Bengaluru	Member

27	G. P. Ravishankar	Scientist/Engineer "H" Technology Director, Bengaluru	Member
28	Mr. Nagesh Puttaswamy	Zonal Head, WT & RMDT, Bengaluru	Member
30	Sri. Premakumar M N	Senior Engineer Manager, Intel Tech India Pvt. Ltd. Bengaluru	Member
31	Dr. G. Pundarika	Principal, Govt. Engineering College, Ramanagaram	Member
32	Dr. Thippeswamy K	Professor, Dept., of CSE., PG Centre VTU, Mysuru	Member
33	Dr. B. G. Naresh Kumar	Principal, Maharaja Institute of Technology, Mysuru	Member
34	Dr. Asha	Assoc. Prof., CSE	Member
35	Dr. M. V. Mandi	Dean (P&D), and Professor, ECE,	Member
36	Dr. K. N. Anuradha	Dean (Academic), Member Secretary	Member Secretary

Members Absent:

Sl. No.	Name	Designation	Position
01	Dr. Sudhakar	Additional Director, CPRI, Bengaluru.	Member

Agenda:

1. Confirmation of the minutes of 18th AC Meeting held on 27-08-2020 and action taken report.
2. Academic Activities during 2020-21.
3. Agenda for Approval:
    (i) Academic Regulations: 2021-2022.
    (ii) Scheme and Curricula for the academic year 2021-22:
        UG Programmes and PG: M. Tech, MCA & MBA Programmes.
    (iii) List of Graduating Students (UG & PG) for the approval to admit to award of degree by VTU.
    (iv) Any other issues with the permission of chair.

    The Chairman of Academic Council (AC) welcomed the Hon'ble Secretary PVPWT and all distinguished members to the 19th Academic Council meeting. She welcomed the newly nominated AC members and briefed about the Institute. The Chairman acknowledged the Hon'ble Secretary for being instrumental behind all the activities of the Institution. She also thanked the

previous AC members for their contribution and support towards the development of Dr AIT curriculum. Further she requested Hon'ble Secretary PVPWT to address the council.

Hon'ble Secretary, PVPWT welcomed all the members of Academic Council and requested them to contribute effectively in designing the curricula. He also emphasised the need for framing the syllabus according to NEP 2020.

The Chairman requested Dean (A) to continue with the proceedings.

Dean (A) welcomed all the members and greeted them on the occasion of Engineers' day. She presented the agenda one by one and requested for approval.

19.01: To confirm the minutes of the 18th Academic Council held on 27-08- 2020 and action taken report.

Resolved to confirm the minutes of meeting of the 18th Academic Council held on 27-08- 2020

19.02: To review the action taken report on the minutes of the 18th Academic Council held on 27-08- 2020.

The Dean (A) presented the action taken report on the suggestions made during the 18th Academic Council meeting.

The council resolved to ratify the action taken

19.03: To consider and ratify the Academic activities carried out during 2020-21.

The Dean (Academic) presented the academic activities carried out during 2020-21 in detail and informed the members that the ODD and EVEN semester activities were completed as per the calendar of events. Summer semester classes are ongoing. She further explained the online academic activities carried out during lookdown period. She said that all the study materials, videos of lab experiments and all the useful information related to course subjects were shared to the students. Classes for odd semester, (except first semester) UG and PG programs for the academic year 2021-22 will commence from 1-10-2021 through online/offline mode. The classes for First semester UG and PG programs may starts in the 3rd week of October.

Resolved to approve and ratify the academic activity carried out during 2020-21 as presented in the academic council.

19.04: To consider and ratify the Continuous Internal Evaluation (CIE) activities carried out during 2020-21.

Dean (E) presented Continuous Internal Evaluation (CIE) conducted during ODD and EVEN semester of the academic year 2020-211. All the CIE are conducted in online mode due to COVID19 pandemic. Online CIEs were conducted in Google class platform.

Resolved to approve and ratify the CIE activities carried out during 2020-21 as presented in the academic council

19.05: To consider and ratify Semester End Examinations (SEE) of August 2021 for VIII semester UG and IV Semester PG programs, III, V, VII Semester UG and I and III semester PG

The Semester End Theory Examination for VIII semester BE, IV semester MBA, M.Tech. & VI semester MCA and backlog or arrear subjects were conducted in offline mode. Question paper pattern for EVEN Semester end examination August 2021 was of open choice type.

The semester End theory examination for the ODD semester UG & PG and backlog or arrear subjects were conducted in offline mode in staggered manner. UG and PG dissertation/project viva voce examination were conducted through online mode by two examiners.

Resolved to approve and ratify the SEE activities carried out during 2020-21 as presented in the academic council.

19.06: To consider and ratify the promotion of II, IV, VI semester BE, II semester MBA, M.Tech. MCA II & IV semester.

The Semester End Examinations for UG intermediate semesters (II, IV, & VI Semester) 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). The Semester End Examination for PG intermediate semesters (II semester MBA and M.Tech. and II & IV 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 Procedure for the calculation of Grades for current Intermediate semester students: 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, date: 31st July 2021.*

The CIE marks of each subject of current intermediate semester are calculated for maximum of 50 marks. The SEE marks of all credit courses of the proceeding 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. The calculated average SEE marks are taken as the SEE marks for each subject of the current even semester. The minimum average SEE marks for passing shall be 10/50.The Regulations applicable to minimum CIE, SEE and total marks for the current EVEN semester are as per Dr.AIT regulations. 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 proceeding ODD semester. Grades are assigned as per the regulations of Dr.AIT. Fractional marks are rounded up to the next higher integer.

Resolved to approve and ratify the procedure adopted in promoting II, IV, VI semester BE, II semester MBA, M.Tech, and MCA as presented in the academic council.

19.07: To consider and ratify the results of 4th year UG and 2nd year M.Tech., MBA and MCA

Dean (E) presented the department wise results of final year students. Members appreciated the final semester results. To improve the results of elective subjects members suggested that students shall advice properly by the Mentor while selecting the elective subject.

Dr Thippeswamy K, sought the difference in students performance in CIE online and offline mode and present it in the next academic council meeting. Dr Nagesh Puttaswamy suggested that the proper training should be provided to faculty using online resources while designing the question paper for online CIE .

The Dean (E) further presented the Rank list and list of graduating UG and PG students for the academic year 2019-20 and 2020-21 and asked approval for the Graduation ceremony to be held in the month o October 2021.

Resolved to approve and ratify the results of 4th year UG and 2nd year M.Tech., MBA and MCA .

Resolved to approve and ratify the list of rank holders and list of graduating students (UG and PG) of 2019-20 & 2020-21 batches and Graduation day celebration (2019-20 and 2020-21 batch).

19.08: To consider and ratify the Academic Regulations of 2021-22(2018 regulations) UG and PG (2020 regulations)

The Dean (Academic) deliberated the academic regulations for the Academic year 2021-22. The academic year is having three semesters (ODD , EVEN and SUMMER). The total credits for the award of degree are 175 and 135 in case of lateral entry. The total credits for the award of degree M.Tech.- 88, MBA-100 & MCA-100 (02 Years w.e.f. 2020-21).

Two Continuous Internal Evaluation (CIE) and one make up CIE is (those who are not eligible to take up SEE examination) implemented. Assignment and group activity will have 5 marks each. Final CIE marks will be calculated as (CIE1+CIE II)*0.8+ Assignment Marks+ group activity marks. For the make up examination eligibility marks in CIE is 90% for all courses. Question paper pattern: internal choice in the entire unit is implemented.

Resolved to approve and ratify the academic regulations of UG & PG for the academic year 2021-22.

19.09: To consider and ratify the Scheme and Curricula for the academic year 2021-22.

Dean(A) presented the scheme and curricula of 2nd , 3rd, 4th UG and 1st , 2nd PG. HOD, Aeronautical Engineering(UG) briefed about the scheme and curricula of 2nd year Aeronautical Engineering(UG) and discussed the subject offered in the III and IV semester. Dr Shivaprkash said that there is less practical courses compared to theory courses. He suggested to include more practical courses while framing the scheme and syllabus under NEP. Dr. G. Pundarika suggested to include Structural aerodynamics and Noise & acoustics which are important in aeronautical engineering. Dr. N C Shivaprakash suggested that eminent faculty shall be appointed for teaching Aeronautical Engineering subjects.

Resolved to approve and ratify the Scheme and Curricula for UG & PG programmes for the academic year 2021-22.

19.10: To consider and ratify, examination reforms

Dean (A) requested the council to consider to use the SEE question papers in the subsequent academic years on approval by the concerned BOE and also to consider the single valuation by internal/ external faculty member and moderation of all failed scripts and 20% of the passed answer scripts by the external member with effect from 2021-22.

Dr. N C Shivaprakash, Dr. G Pundarika and Dr. B G Naresh Kumar suggested to show the answer scripts of SEE papers to the students to maintain the transparency. This matter was discussed in lengthy but Chairman expressed

the difficulty in showing the answer scripts to the students. External members strongly suggested this and later they left the decision to the Institute.

Resolved to approve and ratify the above examination reforms.

19.11: To consider and ratify, summer credits registration more than 16 credits

Dean(A) expressed that as one time measure due to pandemic, the students, who have appeared for SEE during 2019-20 and 2020-21 were permitted to register for more than 16 credits during the summer semester September 2021.

Dr G Pundarika asked the upper limit of credit registration and said that it should be realistic. Dr N C Shivapralash said that Student Mentor can advice the students to take credits between 16 to 30. Dr G Pundrika suggested that this should be recorded by the Mentor in Student Diary.

Resolved to approve and ratify the summer credits registration between 16 to 30 credits.

19.12: To consider and ratify, to reduce the minimum requirement of existing CGPA cut off from 9 to 8.5 for honours degree.

Approval was not given and Dr N C Shivaprakash asked Dean(E) to provide the data of the UG students who have secured CGPA more than 9 for the current year .

19.13: To consider and ratify, to apply for new UG and PG progrmmae to be offered in 2022-23.

Dean (A) reported that Dr AIT is planning to offer the following Progammes from the academic year 2022-23
1. Artificial Intelligence & Machine Learning Engineering(AI & ML)
2.M.Tech. in Data Science and Machine learning(DS & ML)
3.Bachelor of Engineering in Computer Science & Business System (CSBS)
4. Bachelor of Engineering in Artificial Intelligence and Data Science (AI&DS)

Dr. N C Shivaprakash said that proposal should be submitted to UGC before January 2022 and he advised to prepare proposal and the syllabus and shall be presented in next ACM.

Resolved to approve and ratify to apply for new UG and PG programme.

19.14: To consider and ratify, the implementation of NEP 2020 from the academic year 2021-22

Dean(A) said that NEP 2020 will be implemented from the academic year 2021-22 and the 1st year scheme and syllabus will be discussed in the next academic year.

Resolved to approve and ratify the implementation of NEP 2020 from the academic year 2021-22.

During the discussion Dr N C Shivaprakash suggested to conduct two Academic Council meetings per year and to discuss research, consultancy and placement activities in Academic Council meetings.

Dr G Pundarika asked Dean(A) to explain the methods implemented in measuring the quality of the CIE, SEE and assignment questions. The CIE and SEE question papers contain COs and RBT levels. The SEE question papers, scheme, solutions sample SEE answer scripts are audited by internal and external Professors.

Further Dr N C Shivaprakash suggested Dean(A) to present the discussion, ratification and reporting items from the next Academic Council meeting.

Chairman thanked all the external members for their suggestions. She also thanked Hon'ble Secretary, PVPWT, Hon'ble treasurer, PVPWT and all the Academic Council members.

Dean (Academic)

Dean (Academic)
Dr. Ambedkar Institute of Technology
Bengaluru-560 056.

Principal

PRINCIPAL
Dr. Ambedkar Institute of Technology
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Copy with compliments to:

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