

Venue: University Office
Dr. Babasaheb Ambedkar Technological University, Lonere

The 14th meeting of the Academic Council will be held on Monday, 9th December, 2019 at 11.30 A.M. in the Conference Hall of the University.

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. S. L. Nalbalwar, Head, Dept of, EXTC.	Member
5. Dr. A.W. Kiwelekar, Head, Dept of Computer Engg.	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. Jawanjale, 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. Anil Deshmane, Principal, B.I.T Barshi	Member
14. Dr. S.R. Choudhary, Principal, J.D.College of Engg. Nagpur	Member
15. Prof. Dr. Y.V. Joshi, Professor, SGGS IET, Nanded	Member
16. Dr. S. M. Pore, Head, Dept. of Civil Engg.	Member
17. Dr. M. A. Dabhade, Principal, IoPE, Lonere	Member
18. Dr. H.A. Mujawar, Head, Chemistry Dept.	Member
19. Dr. N. H. Aloorkar, I/c Dean, Pharmacy	Member
20. Dr. M. Sadaiah Registrar	Secretary

The following persons were special invitees to the meeting.

1. Dr. J. B. Dafedar	Invitee
2. Dr. Ulhas B. Shinde	Invitee
3. Dr. K.Kumar	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. Y. S. Mahajan, Head, Dept of Chemical Engg	Member
8. Mr. M.W. Meshram, RCF, Mumbai	Member
9. Dr. R. Balasubramaniam, BARC, Mumbai	Member

10. Dr. V. M. Bhandari, NCL, Pune	Member
11. Dr. Dr. Mrs. Jayshree Gogte, I/c Dean, Architecture	Member
12. Dr. Ajay Jadhav, Principal, Dnyashree College of 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 13th meeting of Academic Council held on 26th July, 2019

The Draft minutes of the meeting held on 26th July, 2019 were circulated to members. Since, no suggestions/comments came from the members, minutes get approved.
Resolution: Minutes of 13th AC are approved.

Item No. 2: Action taken report on minutes of the 13th meeting

Item-wise Action Taken Report on the minutes of the 13th meeting held on 26th July, 2019 was tabled before the Academic Council.
The Council noted the same with satisfaction.

Item No. 3: Extension for completion of course after mercy period

The CoE has placed the matter of following four students who have completed their tenure including mercy period. After discussion, AC resolved to permit them for one more semester for completion of course.

Name	Roll number	Degree /Diploma	Years completed (Permissible)	Subjects remaining
Prasad R Suryavanshi	20100562	B Tech (petrochemical)	9 years (8+1)	PC 604(VI Semester) CHPC703, PC704, PC706 (VII Semester) CHPC801, CHPC802 (VIII Semester)
Shirke Adhisht Sitaram	2121468	Diploma	7 years (6+1)	Applied Mechanics (III semester) Heat Transfer (V Semester) Chemical reaction engineering (VI Semester)
Rupesh Namdev Thombare	2131269	Diploma	6 Years	02 subjects Final year

Balaji Ankush Chavan	2111522	Diploma	8 years (6+1)	Chemistry of petrochemical (III Semester) Heat Transfer (V Semester)
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Resolution: It was resolved to approve the extension of one semester to all these four students.

Item No. 4: To approve Academic Quality Assurance Reports 2017-18 and 2018-19

AC asked the IQAC cell to call the meeting of cell as early as possible and place the matter in the next meeting of AC.

Item No. 5: To approve the Course Structure and Syllabi for various B.Tech programs in Engineering

The BoS of respective departments of University has conducted Curriculum Development Workshops during 13th Nov. 2019 to 7th Dec. 2019 for all B.Tech programs. For the development of curriculum, experts from IIT, NIT and Industry were invited in addition to BoS members and faculty members of affiliated institutions. To bring uniformity across all disciplines of B.Tech programs the fixed course structure was given to each department. Each BoS was asked to provide list of courses for Majors and Minors. AC members requested to reduce eligibility requirement of Majors and Minors to 75% instead of CGPA of 8.0.

Accordingly every BoS has developed the course structures and submitted to AC. The AC approved the curriculum of the first year which is going to be started from Academic Year 2020-21. AC also approved the eligibility requirement of Majors and Minors to 75% at the end of 4th semester, instead of CGPA of 8.0.

However, before taking final call from second year onwards AC decided to form committee of following members to take a review of the same.

1. Dr. S.L. Nalbalwar
2. Dr. Ulhas Shiurkar
3. Dr. Ulhas Shinde
4. Dr. Rahul Barjibhe
5. Dr. Dafedar J.B.

Hon. VC informs the AC about the requirement of M.Tech programs in the following areas from E &TC and Information Technology Departments respectively:

1. M.Tech program in Cyber Security
2. M.Tech program in Machine Learning and Data Science

and also appealed to start one year PG diplomas and six months certificate courses jointly with industry in the emerging areas.

The AC appreciated the proposals and approved the above M.Tech programs as well as PG Diplomas and Certificate courses in the emerging areas as per requirements.

Item No. 6: Approval for Academic Audit reports submitted by affiliated Institutes and University Departments

The Dean Academic has informed AC that around 45 colleges has carried out Academic Audit as per the schedule of the University for the year 2018-19. The AC appreciated the efforts taken by the affiliated institutes and University departments to carry out academic audit.

The committee of following members is constituted by the AC for taking the review of Academic Audit Proforma:

1. Dr. S.L. Nalbalwar
2. Dr. J.B. Dafedar
3. Dr. Ulhas Shiurkar
4. Dr. Rahul Barjibhe

Item No. 7: Implementation of “Carry on” in terms of heads of passing only

In 13th AC meeting it was decided to keep the term and promotion to the higher class in terms of % of Credits, however, this method was leading to problem when resulting % of credits founds to be fractional. Therefore, it was resolved to use the number of heads of passing instead of percentage of credits. A student with maximum backlogs of 5 courses (theory and lab together) till the immediate previous semester (second term) may claim promotion to higher class.

Resolution: After due deliberations, it was resolved to adopt the promotion rules in terms of number of heads of passing as given below:

1. First year student should not carry more than five heads of passing (theory and Lab) for promotion to the Second Year.

2. Second year student should not carry more than five heads of passing (theory and Lab) promotion to the Third Year.
3. Third year student should not carry more than five heads of passing (theory and Lab) promotion to the Final Year.

This will be effective from current academic year 2019-20, for I,II,III & IV year B.Tech programs.

Item No. 8: To inform status of affiliation for the year 2019-20 in the Faculty of Engineering and Technology, Architecture, Pharmacy and Hotel Management and Catering Technology.

- a) Report on ongoing and completed Affiliation process for the 2019-20.

Dr. P. V. Vijay Babu presented the status of affiliation for the year 2020-21 in the Faculty of Engineering and Technology, Architecture, Pharmacy and Hotel Management and Catering Technology. Affiliation process for A Y 2020-21 was started by publishing a Notification on 15th Oct 2019. Till date 10 new proposals (09 Pharm + 01 Engg) are received by the University for the Affiliation. Scrutiny of new proposals is planned on 10/12/2019 at DBATU, Lonere.

- b) Nomination of Experts for the Selection Process of Principals in the Affiliated Colleges. So as to maintain the confidentiality, it was resolved to authorize Hon. Vice-Chancellor to nominate one subject expert as the nominee of the Academic Council.

- c) Recommendation of names of teachers for approval as Ph. D. Guide.

A committee was constituted for processing the applications called from various institutions under DBATU for the recognition of research guides/supervisor in the faculty of Pharmacy and Engineering & Technology. Recommended list of faculty for recognition as a research supervisor is as given below.

Pharmacy:

Sr. No.	Name and Designation of the Teacher	Name of the Institute
1	Dr. Nagesh H. Aloorkar Professor and Principal	Satara College of Pharmacy, Satara
2	Dr. Ajit S. Kulkarni, Professor and Vice-Principal	Satara College of Pharmacy, Satara
3	Dr. Vivekkumar K. Redasani Principal	Yasoda Technical Campus (Pharmacy), Satara.
4	Dr. Suresh G. Sudke Associate Professor	Gourishankar Education Society's Satara College of Pharmacy, Degaon, Satara

5	Dr. Suhit S. Gilda Assistant Professor	Gourishankar Education Society's Satara College of Pharmacy, Degaon, Satara
6	Dr. Udugade Babaso Vittal Assistant Professor	Gourishankar Education Society's Satara College of Pharmacy, Degaon, Satara
7	Dr. Kishor V. Otari Principal	Navsahyadri Institute of Pharmacy, Naigaon, Tal. Bhore, Pune

Mechanical Engineering:

Sr. No.	Name and Designation of the Teacher	Name of the Institute
1	Dr. Ramchandra P. Chopde Professor	CSMSS Chh. Shahu College of Engineering, Kanchanwadi, Aurangabad
2	Dr. Nitinchand R. Patil Associate Professor	N.K.Orchid College of Engineering and Technology, Solapur
3	Dr. Vivek B. Pansare Associate Professor	Marathwada Institute of Technology, Aurangabad
4	Dr. Sonage Basgonda Kallappa Professor	N.K.Orchid College of Engineering and Technology, Solapur

AC resolved to approve the above recommended list as the supervisor of Pharmacy and Mechanical Engineering.

- d) Report of Selection Process for the appointment of Principal for Arvind Gawali College of Engineering, Satara.

Report of Selection Process for the appointment of Principal for Arvind Gawali College of Engineering, Satara was placed before AC. AC noted the same.

- e) Autonomy Status to Affiliated Colleges.

I/c Affiliation section inform that J. D. College of Engineering & Management, Nagpur got recognition under section 2(f) & 12(B). AC appreciated the efforts taken by Principal for getting the autonomous status to the college and advised all other Principals to go for the same.

- f) Affiliation section devised an excel program for the creation of teaching posts in affiliated colleges. The same will be circulated to all colleges to submit the details of post creations for approval of the University.

Item No. 9: Progress report of TEQIP –III

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

Item No. 10: Any other point with permission of Chair

- **Reduction in intake of Department of Electronics & Telecommunication Engineering:**

Department of Electronics and Telecommunication (E & TC) Engineering of Dr. B.A.T.U. Lonere is running UG, PG and Ph.D Programmes with six regular faculty against the sanctioned intake of twelve. From academic year 2008-2009, the intake of E & TC department was increased from 60 to 120, but additional faculty required for increase in intake is not yet sanctioned by the Govt. of Maharashtra till date.

As per AICTE's Faculty Student ratio, the department is in need of thirty faculty members, to run the UG Programme smoothly. In such a situation, with available regular faculties it is difficult to carryout academic activities of the department. Therefore, with intake of 120 and 18 at UG and PG level respectively, the exiting faculty, supporting staff and infrastructure is highly inadequate to run these Programmes smoothly. Considering the fact, it is requested to reduce intake from 120 to 90 from the Academic Year 2020-21.

AC discussed the matter at length resolved to reduce intake to 90.

- **Action regard to ICT initiatives**

The higher education system continues to face the challenges of expansion, inclusion and excellence in education. The AC suggested to have involvement and necessary action is required from University and affiliated colleges for enhancing the digital initiatives.

SWAYAM, SWAYAM *PRABHA*, 32 High Quality Educational Channels through DTH across the country on 24X7 basis, National digital library, Annual Refresher Programme in Teaching

(ARPIT), Digi locker, Free /libre and open Source Software for education (FOSSEE) Baadal - Central Cloud Infrastructure are some of the initiative will be pursued at University and affiliated colleges. For more details on these initiatives refer Annexure-A.

- **Formation of Selection/Expert Committee for Recruitment of Administrative Positions of University and Faculty Positions for University Departments and Principals of Affiliated Institutions**

The matter of formation Expert and Selection Committee members for Recruitment of Administrative Positions such as Directors, Deans, Registrar of University and Faculty Positions for University Departments and also Principals of Affiliated Institutions was discussed in the meeting of AC. In order to maintain confidentiality and avoid undue practices AC authorize Hon. Vice-Chancellor for nomination of Expert and Selection Committee members.

Resolution : The Academic Council after due discussion resolved to authorize the Chairman, Hon. Vice-Chancellor, for choosing and forming the Expert Committee/ Selection Committee members for the Recruitment of Administrative Positions of University and Faculty Positions for University Departments and Principals of Affiliated Institutions, in view of confidentiality to be maintained and to avoid undue practices that may arise otherwise.

- **MoU by DBATU**

University signed MOU with following institutes for sharing research resources as an attempt to share materials and services cooperatively so as to provide one another with resources that might otherwise not be available to an individual institution. It represents an attempt to expand the availability of specialized, expensive, or just plain not-owned resources beyond the bounds of a single institution.

1. Indian Institute of Information Technology, IIIT Pune
2. Central Institute of Mining and Fuel Research, CSIR

AC discussed about initiative action to have MOU with some of Industries/Companies running certificate program Hon. Vice Chancellor suggested AC members to prepare 6 month or 1 year module for the same.

- **Employability Skill Training program offered by ETHNUS Bangalore**

Hon. VC informed AC about employability skill training program offered by ETHNUS Bangalore followed by placement for Girls student passed out in 2018 and 2019. AC appreciated the efforts taken by the University.

- **Approval of Section-8 company to i2E Center of the University**

Hon. VC also informed about approval of section-8 company to i2E Center of the University under the name **DBATU Forum of Innovation, Incubation and Enterprise** by Ministry of Corporate, Govt of India. The first Board meeting after Formation Company was held on 26th Nov. 2019, the Board of Directors decided to revamp the Board with Chairman as Prof. V.R. Sastry for smooth conduct of activities of the Company.

- **Research Committee meeting minutes for consideration and approval:**

Department of Electronics & Telecommunication Engineering:

01 Research Scholars presented Pre synopsis and have been recommended for thesis write up and submission

Titles of Research work of 11 Research Scholars (Batch 2017) has been finalized by respective RPC and then by DRC

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Department of Civil Engineering:

RC recommended the extension of tenure of one of the Research Scholar Mr. Sanjivan Mahadik (RS 2012 0702) by one year.

Department of Computer Engineering:

RC recommended the extension tenure of following Research Scholar admitted in July 2013.

1. Mr. Sanjay B. Thakare
2. Mr. Amol Bhutada
3. Mr. Swanand Navandar
4. Miss. Rushali Dhumal

- **Proposal for recognition of Ph.D supervisor from affiliated colleges**

Dr. Nalbalwar informed AC that as per instructions of Hon. VC the information on faculty members of affiliated institutes who are already having recognition as Ph.D Supervisor/Guide by the previous affiliating University before coming under the Dr. Babasaheb Ambedkar Technological University, Lonere was requested.

The AC asked to constitute committee for the scrutiny and recommendation of the same. The AC suggested that after recommendation of the committee, the letter may be issued to concern supervisors.

Hon. VC also asked to the affiliated institutes to submit proposals for organizing conferences and faculty development programs.

Annexure-A

Digital Initiative	Role of University
<p>SWAYAM: SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.</p>	<p>UGC has issued the UGC (Credit Framework for online learning courses through SWAYAM) Regulation 2016. University to identify courses where credits can be transferred on to the academic record of the students for courses done on SWAYAM. At least one MOOC per programme should be made available.</p> <p>Raise awareness in students with respect to accessing courses on the Swayam portal which the university has approved for credit transfer.</p> <p>Take feedback from students regarding courses of their interest which they want the university to consider for credit transfer</p> <p>Appoint SWAYAM mentor at University</p>
<p>SWAYAM PRABHA: Provides 32 High Quality Educational Channels through DTH (Direct to Home) across the country on 24X7 basis.</p>	<p>Install and configure DD free dish. Archival Videos can be watched online on the website https://www.swayamprabha.gov.in/index.php/program/archive/1 . Make the facilities available to students to access the same.</p> <p>Curriculum based course contents at post- graduate and under-graduate level, courses that can meet the needs of life-long learners and competitive examination preparation modules for classes 11th and 12th are available on Swayam Prabha. Swayam Prabha has the potential to benefit a variety of learners including from the local community.</p>

<p>National digital library: National Digital Library of India (NDL India) is an all-digital library that stores information (metadata) about different types of digital</p>	<p>Institute can register all members onto NDL India through Institutional membership.</p> <p>A person from your institute, called Institutional Nodal Person (INP), can take the responsibility of getting all the persons of the institute registered in NDL India. (S)he can get this done through the following steps:</p> <ul style="list-style-type: none"> • Visit NDL India site (https://ndl.iitkgp.ac.in) and get the institute registered by clicking the 'Institutional Registration' button
<p>Annual Refresher Programme in Teaching (ARPIT)</p>	<p>UGC has notified equivalence of ARPIT as a refresher course for career advancement of faculty. This should be brought to the attention of the teacher to ensure participation by teachers from your institution.</p> <p>Non-faculty learners can also attend this course so students should also be made aware about this.</p> <p>Requirement and interest from the teachers should be analysed and conveyed to ARPIT SWAYAM cell to incorporate required new courses.</p>
<p>Digi locker: DigiLocker is a platform for issuance and verification of documents & certificates in a digital way, thus eliminating the use of physical documents</p>	<p>Universities can get integrated with DigiLocker as an issuer for Degree Certificates, Marksheets etc</p>
<p>Free /libre and open Source Software for education (FOSSEE): FOSSEE</p>	<p>Free and open sources tools which can be used by academia, industry and students are promoted for use by FOSSEE.</p> <p>Thus the use of this by teachers and students can reduce their dependency on proprietary software and should be promoted for use by the institution</p>

<p>Baadal - Central Cloud Infrastructure: a cloud orchestration and virtualization management software</p>	<p>Baadal - a cloud orchestration and virtualization management software is for Government and semi Government Academic institutions and currently free on approval. Following services which are available for use could be utilized by the University: Virtual Machines, Public IP, Baadal Container service, Load Balancer, VPN Gateway, Baadal DNS. Baadal Storage: Durable, Scalable and highly available cloud storage up to 250TB of virtualized storage.</p>
<p>Global Initiative of Academic Networks (GIAN): To Encourage engagement of talent pool of scientists and entrepreneurs with higher education institutes.</p>	<p>Eligibility -University which is in top 200 in NIRF overall rankings and at least NAAC ‘A’ grade (3.0 and above). Procedure for Joining GIAN Scheme 1. Institute to appoint a local coordinator for GIAN 2. Following documents to be sent the office of the National Coordinator at IIT Kharagpur a. Formal request letter from the highest Authority (VC / Director) of your Institute. b. NAAC ‘A’ grade certificate c. Proof of NIRF Ranking in top 200 d. Formal office order for appointment of local coordinator, GIAN of the Institute/University appointment by the competent authority which should include name, email address and mobile number.</p>
<p>Spoken Tutorial: Spoken Tutorial is an educational content portal where one can learn various Free and Open Source Software. These are self-paced, multi-lingual courses which anybody can learn from any place, at any time and in a language of their choice</p>	<p>The following popular open source ICT tools can be mapped to the course curriculum of colleges: <i>Python, Scilab, eSim, OpenFOAM, DWSIM, Open Modelica</i> and <i>Osdag</i>. These tools can be integrated in regular teaching.</p>

Meeting Ended with Thanks to Chair.