

**Venue: Conference Hall
Dr. Babasaheb Ambedkar Technological University, Lonere**

The 122nd meeting of the Executive Council was held on 24th July, 2015 at 11.30 a. m. in the Conference Hall of the University.

Following members were present:

1.	Professor W.N. Gade, Vice-Chancellor	Chairman
2.	Professor O. G. Kakde	Member
3.	Professor P.D. Porey	Member
4.	Dr. S. L. Nalbalwar	Member
5.	Dr. M. A. Dabhade	Member
6.	Prof. V. P. Jawanjal	Member
7.	Prof. Y. N. Patil, I/c Controller of Examinations	Invitee
8.	Dr. V. S. Sathe, I/c Finance Officer,	Invitee
9.	Professor V. G. Sargade	Member, Secretary

Following members could not attend the meeting and the leave of absence was granted to them:

1.	Mr. R. N. Mohanty	Member
2.	Professor Ashwini Kunte	Member
4.	Professor U. N. Gaitonde	Member
5.	Mr. P. A. Naik, Joint Director	Member

Professor V. G. Sargade requested Hon. Vice-Chancellor to start the meeting. The Vice-Chancellor welcomed all the members of the Executive Council.

Item No. 1: To confirm the minutes of the 121st meeting of the Executive Council held on 30th April, 2015

The draft minutes of the 121st meeting of the Executive Council held on 30th April, 2015 were sent to the members of the Executive Council for their comments via e-mail. No comments were received. The minutes were placed for confirmation before the council. The minutes were confirmed.

Item No. 2: Action Taken Report on the minutes of the 121st meeting of the Executive Council held on 30th April, 2015

Item-wise Action Taken Report on the minutes of the 121st meeting of the Executive Council held on 30th April, 2015 was tabled before the Executive Council. The Executive Council noted the same with satisfaction.

Item No. 3: BoG approval for various activities under TEQIP - II

Dr. M. Sadaiah, TEQIP – II Coordinator informed about the progress of various activities under TEQIP – II (**Annexure - I**). He also put up issues related to TEQIP (**Annexure-II**) for discussion and approval.

The Executive Council approved the same with following suggestions:

1. The remaining fund available for different activities should be spent at the earliest.
2. A concrete action plan should be prepared and the faculty members should be encouraged to submit the necessary proposals.

Item No. 4: To place the minutes of the 78th and 79th Academic Council meetings for the necessary approval of the relevant items.

The relevant minutes of the 78th and 79th Academic Council meetings were placed before the Executive Council for necessary approval.

I. The minutes of the 78th Academic Council meeting

Item No. 3: To consider the recommendations of various Research Committees (if any) regarding Ph. D. candidates

The minutes of various Research Committee meetings received up to 16th April, 2015 were placed before the Academic Council for its consideration and necessary approval.

A] Minutes of R.C. in Physics

- (i) The following point was resolved and recommended to the Academic Council for its approval in respect of the Ph.D student Shri. F.A. Ahmed (Registration No. Ph 141000319) pursuing his Ph.D programme in the department of Physics under the guidance of Dr. L.N. Singh:
Ph.D. Thesis proposed title:
Study of structural and Magnetic Properties of Ni-substituted Mn-Zn Nano Ferrite.
- (ii) Shri. F.A. Ahmed has registered for Ph.D. Programme in the department of Physics. He will have to complete Pre-Ph.D. course work (one M.Tech. theory paper, Research methodology course and one seminar). He may take one course namely Environmental Chemistry of M.Tech. Environmental Engineering which will be suitable for his research work.

The Council suggested designing a new relevant course in Physics and put up for approval in the next Academic Council Meeting.

If the candidates have already registered for the existing course (Environmental Chemistry), they should be asked to complete the new course as an additional audit course.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

B] Minutes of R.C. in Chemistry

Two Ph.D Candidates namely 1) Madhuri M. Bhagat 2) Abhijit Vilas Dinde have registered for Ph.D program in Chemistry under the Guidance of Dr. P.B. Lokhande. As per the Ph.D. rules of the University, these candidates have to complete Pre-Ph.D course work. Also, the Thesis Title should be finalized.

These points were deliberated in the RC and recommended to Academic Council for its approval as follows:

Item No. 1. Thesis Title and Pre-Ph.D Course work of Madhuri M.Bhagat

Title of Thesis: Synthesis, Characterization and Photocatalytic Activity of Doped Metal Sulphide.

Subjects allotted: 1. Environmental Chemistry (M.Tech. Environmental Engg.)

2. Research Methodology

Item No. 2. Thesis Title and Pre-Ph.D. Course work of Abhijit Vilas Dinde

Title of Thesis: Essential Oil Extraction, Characterization and Antimicrobial Study of Blumea Species from Konkan Region.

Subjects allotted: 1. Environmental Chemistry (M.Tech. Environmental Engg.)

2. Research Methodology

All the members of RC requested to place these recommendations for final approval of Academic Council.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

C] Minutes of R.C. in Mechanical Engineering

(i) Re-registration to complete Ph.D. work

Misal Nitin Dnyaneshwar and Akash Pandey have registered as Ph.D. Students in the Department of Mechanical Engineering at this University since 1st January, 2009. The six years duration of Ph.D registration ends on 31st December, 2014. They have completed experimental and analysis work and are in the process of drafting the thesis. They have requested to permit them to re-register as per Ph.D. rules so that they can submit the thesis and complete the Ph.D. work.

The RC recommended for re-registration as per rules.

(ii) Minor change in the title of the thesis

Misal Nitin Dnyaneshwar, Ph.D. student in the Department of Mechanical Engineering at this University has requested to permit for a minor change in the title of his Ph.D. thesis. The change is requested so as to make the title more specific with regards to the work being carried out. This change of title does not change the scope of work or objectives defined in Ph.D. proposal.

Title approved at the time of registration:

Some Investigations into Photochemical Machining

Proposed title:

Some Investigations into Photochemical Machining of Inconel Alloy

The RC recommended for the same as per rules.

The Council approved the same.
This was placed before EC for final approval.
The Executive Council approved the same.

D] Minutes of R.C. in Chemical Engineering

(i) Continuation of Ph.D. Registration

Shri. Vivek Talnikar and Shri Ravindra Sholapurkar, working under the guidance of Dr. Y.S. Mahajan, have requested for continuation of their Ph.D. programme as their tenure is just completed on 31st December, 2014. RC inquired about their status of Ph.D. work with their guide and noted that their work is in good progress and they require a minimum period of one year for submitting the thesis. Hence, RC recommended that their registration be continued as per the PhD rules.

The Council approved the same.
This was placed before EC for final approval.
The Executive Council approved the same.

E] Minutes of R.C. in Electronics and Telecommunications Engineering

(i) Approval of Research Topic

Sr. No.	Name of the Research Scholar	Date of Registration	Research Title
01	Bhide Girish Govind	20/8/2014	Analysis, Simulation and Design of MSA using suitable Computational EM Method
02	Shinde Ashok Naganath	21/8/2014	Compressed Sensing for Biosignals
03	Kotade Amol Bhaskar	19/8/2014	Analysis of PAPR reduction in OFDM based system and system performance improvement
04	Khobragade Sanjay Vivekanand	21/8/2014	Some studies on Fractal Tree MSA for Multiband Application
05	Nirmal Pratima Chabbilal	20/8/2014	Minimizing Mutual Coupling in MIMO Antenna

After discussion the RC recommended the title and research plan to the Academic Council for its approval.

(ii) Biannual Reports:

Biannual progress reports of following research candidates in the department were placed before RC for monitoring the progress of the candidates. All these progress reports were approved by committee.

Sr. No.	Roll No.	Date of Registration	Name of the research scholar
01	RS 2009 0302	04/07/2009	Ms. Vaishali Ingale
02	RS 2009 0303	04/07/2009	Mr. M.P. Bhagat
03	RS 2012 0303	24/09/2012	Mr. P.D. Paikrao
04	RS 2012 0302	24/09/2012	Mr. Rohit Gawade
05	RS 2013 0301	13/08/2013	Ms. Pallavi Ingale
06	RS 2013 0302	14/08/2013	Mr. Yuvraj Parkale

(iii) Regarding thesis evaluation report of Ms. Bhosale Savita Ramchandrarao :

Ms. Bhosale Savita Ramchandrarao (Reg. No. 2009 0301) submitted the thesis to the university. Reports of evaluation were received from CoE. From these reports, it is found that one of the examiners has given important revision. In light of this RC suggested getting these corrections done by the candidate under supervision of Guide and re-sending the thesis to the same examiner.

RC took above decision in light of detailed assessment submitted by one of the examiner however as per his general assessment, thesis need not be sent to concerned examiner.

As per Ph.D rules and regulations also, if there is a major revision given by any of the examiner(s) in that case only thesis need to be sent to the respective examiners for further comments. However in this case major revision is not given by any of external examiner, corrections are to be done by the candidate and which are to be checked and recommended by the Supervisor.

Ms. Bhosale Savita Ramchandrarao has done the corrections and Supervisor Dr. S.B. Deosarkar has approved and endorsed the same.

The committee has gone through the corrections made in the thesis. All requirements as per suggestions of the reviewer has been incorporated up to the expectations. Therefore, committee recommended the thesis for the final defense.

(iv) Regarding thesis evaluation report of Mr. Rahul T. Dahatonde

(a) Ph.D thesis report of Mr. Rahul T. Dahatonde has been received from both the examiners. Both the examiners have recommended that the thesis is acceptable and recommended for defense.

(b) One of the examiners suggested comparing the results with the work of other researchers in the area and including in the thesis under the guidance of Supervisor. Hence, the candidate needs to compare the results with the existing techniques and get verified from supervisor.

In the view of this, RC recommended that the supervisor shall get suggestions implemented from the candidate. The corrected copy shall be submitted to exam section and defense of the candidate may be arranged subsequently.

The Council approved the same.

This was placed before EC for final approval.
The Executive Council approved the same.

F] Minutes of R.C. in Computer Engineering

(i) Evaluation of Pre-Synopsis Seminar

The RC members evaluated the pre-synopsis seminar submitted by Mr. L D Netak. The quality and the quantity of the work reported in the pre-synopsis seminar are found sufficient for submitting PhD thesis. The members suggested Mr. L D Netak to submit the PhD Thesis within six months. The following members will internally evaluate the PhD thesis before sending it to external examiners.

- Dr. S L Nalbalwar
- Dr. A W Kiwelekar
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(ii) Minor change of Thesis Title

Mr. L D. Netak has requested for a minor change in the title of his PhD thesis. The RC members felt that the new title suggested by the candidate reflects more appropriately the research work done by him. The RC members approved the change in title.

Old Title	Efficient data burst scheduling in optical switched WDM ring networks.
New Title	Techniques for data burst scheduling in OBS based WDM networks.

(iii) Evaluation of Annual Progress Seminar

Mr. S M. Sable has presented the fourth annual progress seminar. After evaluating the seminar RC members suggested him to focus on research problem and identify the research contribution by comparing the existing work done in the area of grid computing. Members also suggested him to submit the pre-synopsis seminar within six months.

(iv) Recommendation of Names of External Examiners

The members recommended following names of experts to be included in the panel of external examiners.

1. Prof. N. Sreenath
Department of Computer Science and Engg, Pondicherry Engineering College,
Pondicherry
2. Dr. A. ANANDA RAO
Director & Professor, Department of Computer Science & Engineering
JNTUA College of Engineering, Anantapur – 515002, Andhra Pradesh
3. Dr. S. Srinivasan
Prof. & Head, Dept of CSE, Anna University Madurai
4. Dr. Anandhakumar
Prof. & Head, Anna University Chennai - MIT Campus, Chennai

5. Dr. J.A. LAXMINARAYANA
Professor in Computer Engineering, College of Engineering GOA (Govt. of GOA)
Farmagudi, Ponda – GOA 403 401
6. Dr. ArunkumarThangavelu
Professor & Deputy Director, School of Computer Science
Vellore Institute of Technology, Vellore – 632 014
7. Dr. V. Vijaya Kumar
Department of CSE & IT, Venkatapur(village),Ghatkesar (M), Rangareddy (Dt)- 500088
8. Dr. Ch. Ashwini Kumar
Professor, Network & Information Security Division,
School of Information Technology & Engineering, VIT University, Vellore - 632014.
9. Dr.Ramalingam
Professor, Department of Computer Science and Engineering,
Annamalai University, Annamalai Nagar – 608002, Chidambaram,
10. Dr C.Jayakumar
Professor, Department of Computer Science and Engineering
R.M.K Engineering College, Kavaraipettai- 601206
11. Dr. G.Aghila, Professor, Department of Computer Science and Engineering
NIT, Pondicherry, Karaikal,
12. Dr P.Chandra Sekhar Reddy
Professor, JNTUH College of Engineering,
Kukatpally, Hyderabad-500085
13. Dr. K. Chandrasekaran
Dean (Research & Consultancy), Professor, Department of Computer Science & Engineering,
National Institute of Technology Karnataka, Surathkal, Srinivasnagar P.O.
Mangalore - 575025, Karnataka State
14. Dr. V. Prithiviraj
Principal, Rajalakshmi Institute of Technology
Kuthambakkam Post, Chennai - 602107.
15. Dr K. Soundararajan
Principal, Katragadda Institute of Technology and Engineering
Shabad, Ranga Reddy (dt), Hyderabad - 509217
16. **Dr. V. Kamakshi Prasad**
Professor, Controller of Examinations
Jawaharlal Nehru Technological University, Hyderabad
17. Dr. C. Mala
Head of the Department, Department of Computer Science & Engineering, National Institute of
Technology, Tiruchirapalli-620015.
18. Dr. B.Vishnu Vardhan
Professor, CSE, HoD, IT
JNTUH college of Engineering, Nachupally – Kondagattu
Karimnagar 505501
19. Dr. Y V Joshi , SGGGS Nanded

20. Dr. B B Mesharam, VJTI Mumbai
21. Dr. Padmaja Joshi, C-DAC Mumbai
22. Dr. Sandeep Deshmukh, Reliance Industries
23. Dr. Rajesh Ingle, PICT Pune
24. Dr. Yogesh Murarka, Persistent Pune
25. Dr. U A Deshpande, NIT Nagpur
26. Dr. Pravin Pawar, NIT Goa
27. Dr. P K Sinha, CDAC Pune
28. Dr. D B Kulkarni, WCE Sangali
29. Dr. R S Bichkar, GH Rasoni Pune
30. Dr. Momin, WCE Sangali
31. Dr. Patekar S A, Vidyalankar Mumbai
32. Dr. Bhirud , SRTMU, Nanded
33. Dr. Bhambre, COE Pune
34. Dr. Awale, VJTI, Mumbai
35. Dr. K C Chandrashekhar, NITK Surathkal
36. Dr. K. Annapa, NITK Surathkal
37. Dr. P J Kulkarni, WCE Sangali
38. Dr. G Shivkumar, IIT Bombay
39. Dr. Purushottam Kulkarni, IIT Bombay
40. Dr. A K Mishra, MNIT Allahabad
41. Dr. M M Gore, MNIT Allahabad
42. Dr. Neeraj Tyagi, MNIT Allahabad
43. Dr. Dinesh Gopalani, MNIT Jaipur
44. Dr. O G Kakde, VNIT, Nagpur (Director, VJTI, Mumbai)
45. Dr. Veena T, NIT Goa
46. Dr. Keshavmurthy B N, NIT Goa
47. Dr. S Mini, NIT Goa
48. Dr. P. S Deshpande, NIT Nagpur
49. Dr. S R Sathe, NIT Nagpur

(v) Thesis evaluation report Mr. Shivajirao M. Jadhav

Mr. Shivajirao M. Jadhav submitted Ph.D thesis title 'Artificial Neural Network based Medical Decision Support System for Cardiac Arrhythmia classification and Detection Using ECG signal Data. Evaluation reports sent by two external examiners are received to the Department. Mr. S.M. Jadhav has made the corrections in thesis as per the guidelines of external examiners.

The external examiners also suggested to get the corrections made by Mr. S.M. Jadhav verified and approved by the members of the RC (Computer Engineering).

The Committee members reviewed the reports submitted by the external examiners. They also checked all the corrections made by Mr. S.M. Jadhav and they found that it conforms to the reports submitted by external examiners. Dr. A. A. Ghatol (Guide) and Dr. S.L. Nalbalwar (Co-guide) have endorsed these corrections. All the requirements as suggested by external examiners have been incorporated in the thesis up to expectations.

The committee members also acknowledged the reviewers for their timely submission of the evaluation reports and for the effort taken to improve the quality of the thesis.

The candidate Mr. S.M. Jadhav has been asked to prepare and submit a detailed report on the corrections made in the submitted thesis. Mr. S.M. Jadhav will submit the revised copy of the thesis at the time of defense along with the report on the corrections made in the submitted copy.

The committee approved the corrections and recommended the thesis title 'Artificial Neural Network based Medical Decision Support System for Cardiac Arrhythmia Classification and Detection Using ECG Signal Data' for final defense.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

Item No. 5: To approve the course contents of Elective subjects in Mechanical Engineering

The list of Electives in the Mechanical Engineering Department has been approved. The detailed course contents (Annexure-II) were put up for approval of Academic Council.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

II. The minutes of the 79th Academic Council meeting

Item No. 3: To consider the recommendations of various Research Committees (if any) regarding Ph. D. candidates

The minutes of various Research Committee meetings received up to 17th July, 2015 were placed before the Academic Council for its consideration and necessary approval.

A] RC in Electronics and Telecommunication Engineering and Electrical Engineering

(i) Amendment in existing Expert Committee on RRC in Electronics and Telecommunication and Electrical Engineering

Existing Members:

Sr. No.	Name	Institute and Address
1	Prof. K Chaterjee	IIT Bombay
2	Prof. Girish Kumar	IIT Bombay
3	Prof. R. S. Holambe	SGGSIET Nanded
4	Prof. R. N. Awale	VJTI Mumbai
5	Prof. B. N. Chaudhari	COE Pune
6	Dr. S. S. Damhare	COE Pune
7	Dr. V S Bandal	COE Pune

Proposed list of Expert members for amendment:

Sr. No.	Name	Institute and Address
1	Prof. R. S. Holambe	Professor & Head, SGGSIET Nanded
2	Prof. R. N. Awale	Professor & Head, VJTI Mumbai
3	Prof. D. B. Talange	COE Shivajinagar, Pune
4	Prof. S. S. Dambhare	COE Shivajinagar, Pune
5	Prof. D S Bormane	Principal, JSPM RSCOE Tathawade Pune
5	Dr. Nitin Ghawghawe	Govt. College of Engineering VMV Road Amravati- 444604
6	Dr. D S More	Associate Professor, Walchand College of Engineering, Sangali
7	Dr. M. M. Waware	Associate Professor, Walchand College of Engineering, Sangali
9	Prof. Y.V. Joshi	Professor, SGGSIET Nanded
10	Dr. Shubhendu Joardar	Scientist, GMRT Pune

It was recommended to continue the proposed list of expert committee members for the new RRC which is to be reconstituted as the term of present RRC is ending on October-2015. This was put up for approval of Academic Council.

(ii) Requisition for Tenure extension of Ph.D. registration

Mr. Avinash Namdeo Sarwade Research Scholar in the Department of Electrical Engineering, has registered for Ph.D course in May 2009 (RS20090201). He has completed all the formalities till now and most of the work has been in place. However, due to practical implementation part of the same, he has requested some more time for completion. RC recommended for extension as per rules.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

B) Research Committee (RC) in E & TC Engineering

Following points were discussed and finalized in the meeting:

i] Annual Progress Seminars

Following candidates presented their annual progress seminar before the RC. RC comments and suggestions, for the further work are noted as below.

Sr. No.	Roll No.	Date of Registration	Name of the Research Scholar	Remarks
01	RS 2009 0302	04/07/2009	Vaishali Ingale	Recommended for Re-registration or extension for two years.

02	RS 2009 0303	04/07/2009	M.P. Bhagat	Recommended for Re-registration or extension for two years
03	RS 2012 0303	24/09/2012	P.D. Paikrao	Implement filters using DSP kits and communicate paper.
04	RS 2012 0302	24/09/2012	Rohit Gawade	Carryout more experimentation on proposed protocol and communicate paper to the journals.
05	RS 2013 0301	13/08/2013	Pallavi Ingale	Work on separation of mix speech signal is essential. Effect of change of sensor may be studied.
06	RS 2013 0302	14/08/2013	Yuvraj Parkale	Communicate paper on the work already done. Suggested to obtain sensing matrix which gives optimum performance.
07	RS 2014 0301	20/08/2014	Bhide Girish Govind	More study on optimization technique is essential.
08	RS 2014 0306	21/08/2014	Shinde Ashok Naganath	Need to improve the fundamentals. Suggested to literature survey for clear understanding of existing techniques
09	RS 2014 0303	19/08/2014	Kotade Amol Bhaskar	Focus on methodology to be adopted to achieve the goal.
10	RS 2014 0302	21/08/2014	Khobragade Sanjay Vivekanand	Give mathematical foundation for design of Antenna based on fraction.
11	RS 2014 0304	20/08/2014	Nirmal Pratima Chabbilal	Try to use analytical techniques to design antenna. Communicate the work done to journal/ conference for publication.

RC found their performances satisfactory.

ii] Biannual Reports:

Biannual progress reports of following research candidates in the department were placed before RC for monitoring the progress of the candidates.

Sr. No.	Roll No.	Date of Registration	Name of the Research Scholar
01	RS 2009 0302	04/07/2009	Vaishali Ingale
02	RS 2009 0303	04/07/2009	M.P. Bhagat
03	RS 2012 0303	24/09/2012	P.D. Paikrao
04	RS 2012 0302	24/09/2012	Rohit Gawade
05	RS 2013 0301	13/08/2013	Pallavi Ingale
06	RS 2013 0302	14/08/2013	Yuvraj Parkale
07	RS 2014 0301	20/08/2014	Bhide Girish Govind
08	RS 2014 0306	21/08/2014	Shinde Ashok Naganath
09	RS 2014 0303	19/08/2014	Kotade Amol Bhaskar
10	RS 2014 0302	21/08/2014	Khobragade Sanjay Vivekanand
11	RS 2014 0304	20/08/2014	Nirmal Pratima Chabbilal

All these progress reports were approved by committee.

iii] Extension for Registration / Re-registration of V.V. Ingale.

Ms. V.V. Ingale, a research scholar working under the guidance of Dr. S. L. Nalbalwar since 4/7/2009. Her period of registration is expiring on 3rd July 2015 (that is six years from registration). She has applied to the University authorities to allow her for re-registration and then matter was placed before research committee for discussion.

Considering the progress of her Ph.D. work, the Research Committee recommends her request for re-registration or extension for the period of 2 more years from 3rd July, 2015.

iv] Extension for Registration / Re-registration of Mr. M.P. Bhagat

Mr. M.P. Bhagat, a research scholar working under the guidance of Dr. S. L. Nalbalwar since 4/7/2009. His period of registration is expiring on 3rd July 2015 (that is six years from registration). He has applied to the University authorities to allow him for re-registration and then matter was placed before research committee for discussion.

Currently work is not satisfactory; however, it is in line. The Research Committee feels that the work can be completed in the requested period of time. Hence RC recommended his request for re-registration or extension for the period of 2 more years from 3rd July 2015.

v] Cancellation of Registration of Punamiya Mayur Pravin

Punamiya Mayur Pravin (Reg. No. 20140305) has submitted application on 1st Jan 2015 (via e-mail) for cancellation of his registration due to health problem.

RC recommended the cancellation of registration of Punamiya Mayur Pravin.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

C) RC in Chemical and Petrochemical Engineering

i) Request for continuation of Ph.D. Registration.

Shri M.W. Barve, working under the guidance of Dr.P.V.Vijay Babu, had completed his tenure of registration i.e. six years from the date of registration. He had requested for continuation of Ph.D. program beyond the period of six years. University granted him one year of extension of his Ph.D. program beyond six years. However, due to health problems Shri Barve could not complete the process of submission of Ph.D. thesis. The extension granted to him was expired in the month of May 2015. Hence, he has applied once again for continuation of Ph.D. for one more year i.e. up to May 2016. The Research Committee has considered the request of Shri M.W. Barve for continuation of his Ph.D. program up to May 2016 and forwarded the same for the consideration of AC/EC.

ii) Change of Ph.D. title

Shri Ravindra Sholapurkar, working under the guidance of Dr.Y.S.Mahajan, would like to modify the title of his Ph.D. work. He has submitted his request for change of title through his guide. The details are given below:

Existing Title	Proposed Title
Modeling of Air Pollution in Urban Areas Using GIS	Optimization of Windmill Performance: Productivity/ Efficiency

The Research Committee considered the request of Shri . Sholapurkar and forwarded the same for the consideration of AC/EC.

iii) Request for continuation of guide even after the retirement.

Mrs. S.B.Bodekar has been registered for Ph.D. Program under the guidance of Dr.R.B. Mankar (former Vice-Chancellor) during the academic year 2012-13. Later on, on her own request, Dr. Imran, working as Scientist at NCL, Pune, has also been considered as a Co-guide. Dr. Mankar completed his tenure as the Vice-Chancellor at this University on 2nd March 2015 and went back to his parent Institute i.e. LIT

Nagpur. As per the Rules and Regulations of Ph.D. Program retired person can't continue as the guide unless the student expresses his/her desire to work with him even after the retirement. The student has to put up his/her application to Research Committee with the letter of willingness of his/her retired guide. The Research Committee has to forward their recommendation to AC. AC has to recommend the same to EC for their approval. Hence, Dr. Mankar wrote a letter to VC expressing his willingness to continue his guidance to Mrs. Bodekar from his work place. Consequently, Mrs. Bodekar also requested the Research Committee to allow her to continue her Ph.D. work under the guidance of Dr. Mankar and Dr. Imran. The Research Committee deliberated on this issue and noted the following observations.

1. As per the Rules and Regulations of Ph.D. Program, Ph.D. students working under the guidance of external guide should have one internal guide. In that case internal guide will be the main guide and the external guide will be designated as Co-guide. Hence, Mrs. Bodekar will have to choose one internal guide and opt only one external guide between Dr. Mankar and Dr. Imran. Mrs. Bodekar is currently utilizing the research facilities at NCL Pune under the supervision of Dr. Imran. If she chooses Dr. Mankar, then Research Committee has to forward their recommendation to AC for further course of action mentioned above and Dr. Imran can't continue as Co-guide. Hence, Mrs. Bodekar should select her internal guide and then make up her mind regarding Co-guide.
2. It has also been revealed that as per the records of the University Dr. Mankar is not a recognized guide. As per the norms of the University all the Professors and Associate Professors working in the University with doctoral degree qualification are deemed to be the research guides of the University. Under this provision Dr. Mankar became the guide of this University during 2002 to 2005. As he left the University in 2005 he will no longer be the recognized guide of this University. Later on he became VC of this University on 3rd March 2010 and arbitrarily considered himself as the research guide of this University without following proper procedure for obtaining recognition. He only proposed UGC norms, in AC and EC, for granting recognition as research guide. As per the UGC norms approved by the University VC will not be deemed to be the research guide of the University. If he wants to become guide of this University then he has to apply for the same and get the approval from the University. As he has not followed this procedure, he can't be the guide of this University.

Hence, Mrs. Bodekar has to choose one internal guide and can continue with Dr. Imran as her Co-guide.

In view of the above information, the request of Mrs. Bodekar to continue under the guidance of Dr. Mankar can't be considered. The Research Committee hereby advises Mrs. Bodekar to choose one internal guide for the smooth conduct of her Ph.D. work.

iv) Cancellation of Ph.D. Registrations

Shri D.J.Laddha, and Shri V.N.Ingle have been registered for Ph.D. program in the Department of Chemical Engineering. The research guides of the above scholars namely Dr. G.M.Deshmukh and Dr. S. Chattopadhyay have left the University. Both of the above Research Scholars have completed more than seven years since their registration. The period of registration is for six years and thereafter research scholar has to put up his/her application for continuation of registration for another two years. No application for continuation of registration has been received from the above scholars. Hence, their registrations deemed to be cancelled.

The Council approved the same.
This was placed before EC for final approval.
The Executive Council approved the same.

D) RC in Chemistry

The list of Ph.D Examiners in Chemistry (**Annexure A**) was put up for the approval of Academic Council.

The Council approved the same.
This was placed before EC for final approval.
The Executive Council approved the same.

E) RC in Mechanical Engineering

(a) The research proposals of the students admitted in the academic year 2014-2015 were reviewed and approved.

The course work of the newly admitted candidate in the academic year 2014-2015 was approved.

Sr. No	Name of Research Scholar	Registration Number	Title of Ph.D. Thesis	Remarks
1.	Vishwas V. Palawe	RS20140116	Some investigation of heat pipe heat exchanger assisted air conditioning system	RC meeting was held on 01/06/2015. Mr. Vishwas V. Palawe was in abroad due to his preoccupied assignment. He gave a presentation on Mobile phone. However, the committee felt that he should give the presentation in person before the RC.

(b) The following research scholars presented their annual progress seminar on their research work for the academic year 2014-2015. The committee assessed the performance of the students. The details of the students are given in the following table.

Sr. No.	Name of Research Scholar	Registration Number	Title of Ph.D. Thesis	Remarks
1.	Omprakash Sheshrao Patil	RS20120117	Transcritical CO2 heat pump system: Cycle modification & optimization	-----
2.	Vinod Chandrakant Todkari	RS20120118	Investigations on various types of hydraulic jump	-----

3.	Sangram Dasharath Jadhav	RS20120116	Investigation on suitability of alternative fuel obtained from regional feedstock for C.I Engine	*There is a minor change in the title.
4.	Pravin Laxman Jadhav	RS20120115	CO ₂ Transcritical Cycle: Studies on capillary tube	-----
5.	Vishwas V. Palawe	RS20140116	Some investigation of heat pipe heat exchanger assisted air conditioning system	The candidate is currently abroad. He gave a presentation on Mobile phone. However, the committee felt that he should give the presentation in person before the RC.

* Investigations on suitability of mangifera indica bio-diesel as an alternate fuel for C.I. Engine.

- Bi-annual progress reports submitted by these candidates were also placed before the committee for review and were approved by the committee.
- The research proposals of the newly admitted candidates who were admitted in the academic year 2014-2015 were reviewed and approved.
- The course work of the newly admitted candidates in the academic year 2014-2015 is approved.
-

(c) The following research scholars presented their annual progress seminar on their research work for the academic year 2014-2015. The committee assessed the performance of the students. The details of the students are given in the following table.

Sr. No	Name of Research Scholar	Registration Number	Title of Ph.D. Thesis	Remarks
1.	Saraf Atul R.	RS20120114	Some studies on the effect of process parameters on photochemical machining of SS316L.	-----
2.	Kadam Ganesh S.	RS20120111	Investigations on surface integrity in High-speed machining of Inconel 718 under different machining environments.	-----

3.	Patil Deepakkumar H.	RS20120113	Photochemical Machining of Monel.	-----
4.	Chavan Ajay A.	RS20120109	Hard turning using coated carbide tools.	-----
5.	Nipanikar Suresh R.	RS20120112	Machinability Studies of Ti6Al4VELI in Dry and Minimum Quantity Lubrication (MQL) Environment.	-----
6.	Malvade Niket V.	RS20140112	Surface integrity analysis and modelling in machining of Biomedical Magnesium alloy.	-----
7.	Shinde Babasaheb D.	RS20140113	Machinability assessment of low electrical conductivity ceramics by using WEDM.	-----
8.	Khadtare Avinash N.	RS20140108	Experimental investigation and modelling in microdrilling of Inconel 718 superalloy.	-----
9.	Thorat Shrikant B.	RS20140115	Some investigations in photochemical machining of cobalt chromium alloy.	-----
10.	Kadam Shirish V.	RS20140117	Some investigations on machinability of SAF2205 and SAF2507 duplex steel in end milling.	-----
11.	Madavi Kishor R.	RS20140110	Optimization of welding process parameters.	-----
12.	Lohar Ganesh S.	RS20140109	Structure property relationship studies on polymer nano-composite.	-----
13.	Jadhav Vijay D.	RS20140107	Some studies on reverse electric discharge machining of low aspect ratio surface area structures.	-----

14.	Mahajan Kuldeep A.	RS20140111	Some studies on effect of vibrations on diamond turning performance.	Dr.R. Balasubramaniam (B.A.R.C.) may be taken as Co-supervisor.
15.	Sonawane Gaurav D.	RS20140114	Machinability studies of difficult to cut materials using coated tools with advanced coating materials & techniques.	-----
16.	Bhanavase Vishavjit L.	RS20140106	Study of tribological behaviour of polymer composite.	-----

- Bi-annual progress reports submitted by these candidates were also placed before the committee for review.
- The research proposals of the newly admitted candidates who were admitted in the academic year 2014-2015 were reviewed and approved.
- The course work of the newly admitted candidates in the academic year 2014-2015 is approved.

(d) The following research scholars presented their annual progress seminar on their research work for the academic year 2014-15. The committee assessed the performance of the student. The details of the students are given in the following table.

Sr. No.	Name of Research Scholar	Registration Number	Title of Ph.D. Thesis Approved in this meeting	Remarks
1.	Kadhane Somnath Hanumant	RS20120106	Some investigation into mechanical behaviour of soft biological tissues	-----
2.	Pansare Sunil Ramnath	RS20140102	Some studies on effect of crack in beam/shaft	Title has been modified *
3.	Patil Manoj Subhash	RS20140103	Some investigations on bone properties for clinical assessment	-----
4.	Wargante Amar Ramrao	RS20140105	Some studies in dynamic analysis of bones	-----
5.	Patil Sharadchandra Shrikant	RS20140104	Some studies on investigations into torsional vibration control using smart dynamic damper	Title has been modified **
6.	Gujar Rahul Ashok	RS20140101	Some investigations in biomechanical properties of lower extremities bones	-----

Note:

* Title at the time of Synopsis submission

"Some studies on detection of crack in beam-like structure"

** Title at the time of Synopsis submission

"Some investigations into torsional vibration control using smart dynamic absorber"

- Bi-annual progress reports submitted by these candidates were also placed before the committee for review.
- The research proposals of the newly admitted candidates who were admitted in the academic year 2014-15 were reviewed and approved.
- The course work of the newly admitted candidates in the academic year 2014-15 is approved.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

Item No. 4: To approve new grading system

The committee for new grading system has submitted the report (**Annexure B**). Also, this report was discussed with all the faculty members. Based on the suggestions obtained during the discussion, one more report (**Annexure C**) was put up for discussions. The same was put up for discussion and approval of the Council.

The Council approved with few suggestions.

This was placed before EC for final approval.

Prof. Y.N. Patil, I/c Controller of Examinations, explained the major changes in the proposed grading system. Professor O.G. Kakde strongly opined that the grading system is not truly relative grading system. The grading system should be as per the UGC guidelines.

Hence, the Council suggested that the grading system should not be implemented from the current semester. The revised grading system should be proposed by a Committee involving experts from reputed institutions like IITs, NITs etc.

Item No. 6: To approve Academic Calendars for the current semester

The Academic Calendars for ongoing semester (Odd Semester) of 2015-16 for all the classes (**Annexure I, II**) were put up for the approval of Academic Council.

The Council approved the same.

This was placed before EC for final approval.

The Executive Council approved the same.

Item No. 7: Any other point with the permission of the chair

4. Constitution of Committee for regularization of critical issues

A committee is constituted as follows for regularization of certain issues which have not been resolved as per rules.

1. Prof. P.V. VijayBabu
2. Prof. P.K. Katti
3. Prof. S.L. Nalbalwar
4. Controller of Examination
5. Registrar

The Committee should identify the issues and suggest the methodology to resolve those issues.

5. Recognition of Dr. Shivajirao M. Jadhav and B.C. Kharbas as Ph.D. guide

Dr. S.M. Jadhav and Dr. B.C. Kharbas have requested for getting recognition as Ph.D. guide of the University. It was decided that any faculty member of the University and IoPE will become recognized Ph.D. guide after obtaining the Ph.D. degree.

6. To start Ph.D. programme in Information Technology department

Dr. S.M. Jadhav, Head, Information Technology proposed to start the Ph.D. programme in Information Technology w.e.f. the on-going semester (July 2015)

7. Permission to join Pre-Ph.D. programme for Prof. A.R. Babhulgaonkar

Prof. A.R. Babhulgaonkar has been selected for Ph.D. programme at Walchand College of Engineering (WCE), Sangali under QIP.

He has requested to permit him for starting the Pre-Ph.D. programme as per QIP Scheme.

The Council approved the above.

These were placed before EC for final approval.

The Executive Council approved the same.

Item No. 5: To seek the approval for Time-bound promotions

The report of the Committee for Time-bound promotions (**Annexure - III**) was put up for the approval of the Executive Council.

The Executive Council approved the same.

Item No. 6: To approve the fee structure of various courses

The fee structure for the academic year 2015-16 for B.Tech, M.Tech., and Ph.D., courses (**Annexure IV**) was put up for the approval of the Executive Council. Also, the issue of payment of fees semester-wise for the Ph.D students who are in the fourth year and on the verge of completion of the Ph.D. programme was put up for discussion.-

The Executive Council approved the same.

Item No. 7: To approve the hike in consolidated salary of contract-basis staff

It is necessary to increase the consolidated salary of various non-teaching staff (Laboratory Assistant, Clerk-Cum-Typist, Library Assistants, Driver etc) by 500/- rupees similar to the last year. (**Annexure V**) This was put up for approval of Executive Council.

The Executive Council approved the same.

Item No. 8: To decide about payment of arrears and P.F. installments

The University gets the financial support from Government of Maharashtra through DTE. In spite of asking for the requisite funds in the budget, DTE does not sanction the total amount. Moreover, there is always a deficit of around 2-Crores in the salary grant. The issue was put up for discussion and guidance.

I/c Finance Officer, Dr. V.S. Sathe, presented the details of the status of receipt of funds from DTE (**Annexure VI**). It was decided that salary should be paid from the University funds till the receipt of funds from DTE. Also, it was decided to pay the arrears of the faculty members who have been promoted under CAS. The Registrar will issue a letter to Finance Officer stating the details. Moreover, the Registrar should write a letter to DTE & Government of Maharashtra requesting for release of the pending grants.

It was also decided that Registrar and University Engineer should finalize the utilization of funds available through Indradhanushya - 2013.

Item No. 9: To increase the amount of Teaching Assistantship from 5,000 /- to 8,000/- per month for M.Tech students

The scholarship amount of GATE qualified students is 12,000 and the fellowship of M.Tech. TEQIP. fellows is 8,000/-. Hence it is necessary to increase the Teaching Assistantship of

non-GATE M.Tech. Students from 5000/- to 8000/-. This was put up for approval of Executive Council.

Prof. P.V. Vijay Babu also submitted a proposal for the same.

The Executive Council approved the same.

Item No.10: To get the permission for write-off of old vehicles and purchasing new vehicle

Presently, there are 3 - vehicles in the University which have crossed the permissible limits of total running in kilometres (Maruti Wagon-R, Esteem, Tavera). Only one vehicle (Innova) is in good condition. The vehicle for Hon. Vice-Chancellor (Honda-city) has been in use for more than 5 years. As per the decision of Executive Council it has been decided to use the vehicle for 5 years only. It is necessary to purchase new vehicle for Hon. Vice-Chancellor and also for students as Ambulance. The issue was put up for discussion and guidance.

The Council advised to constitute a committee of experts. The report of the committee should be put up for approval of Executive Council in the next meeting.

Item No.11: To revise remuneration rates for additional responsibilities like CoE/TPO/Rectors etc.

It is necessary to revise the remuneration rates for the additional responsibilities as per new G.R. The issue was put up for discussion and approval.

The council advised to follow and implement the relevant Government Resolutions. Also, it was resolved that such remuneration must be paid on monthly basis along with salary. This must be practiced to appreciate the additional responsibilities shouldered by the faculty members. The delay in such payments will only discourage the faculty to take up the additional responsibilities.

Item No.12: To revise remuneration rates for taking M.Tech. courses and Ph.D. evaluation

Presently, the remuneration rates for taking M.Tech. theory courses are 150/- rupees per hour. There is no remuneration for Ph.D. supervisors to conduct Ph.D. The M. Tech and Ph.D. programmes are run by the University on self-financed basis. There are no sanctioned posts for running these courses by Government of Maharashtra. The faculty members in the department are taking extra teaching load in addition to their B.Tech. work load. In view of this, it is necessary to revise the remuneration rates for these courses. The issue was put up for discussion and guidance.

It was decided that the remuneration rates for theory courses will be increased to Rs. 300/- per lecture for internal faculty members. The same will be increased to Rs. 600/- per lecture for external faculty.

Item No.13: To implement the policy of rotation of Head of the Departments

As per decision of Executive Council meeting No. 85 dated 12.07.2007, the policy of rotation of Head of the Department has been approved. It is necessary to implement the policy with reference to the change in the designations as per 6th Pay Commission.

The Council suggested the following:

1. The position of Heads of Department should be rotated among the Professors and Associate Professor after every 3-years tenure as per seniority.
2. If there is no Professor in the Department, the position of HoD should be rotated among the Associate Professor and Assistant Professor after every 3 years as per seniority.
3. If there is neither Professor nor Associate Professor, the position of HoD should be rotated among the Assistant Professors after every 3 years as per seniority.

Item No.14: To approve continuation of ADWQM course and increase of course fees

The Advanced Diploma in Water Quality Management is going on in the IoPE of this University. It is necessary to get the approval for its continuation and increase of fees for the same course. Principal, IoPE put up the issue for approval of Executive Council.

The Council approved continuation of ADWQM course. The fee hike from 22,000/- to 26,000/- was also approved.

Item No.15: To get permission for appointment of Rectors/Asst. Rectors by seniority for 1 year duration

There are total 5 hostels in the University Campus (2 for boys and 3 for girls). The faculty members are reluctant to take the responsibilities of Rectors/Assistant Rectors whenever applications are invited. Hence it is proposed to appoint Rector/Assistant Rector by seniority for 1 year duration.

1. The responsibility of Rector/Asst. Rector should not be forced.
2. The faculty members should be convinced to take up such responsibility
3. Those who are willing should be entrusted with such responsibility for smooth and effective running of hostel activities.

Item No.16: To decide about the deposition of funds to PWD as per MoU

As per the advice of Finance Committee, MoU has been signed between PWD and DBATU. Accordingly, it is required to deposit Rs. 2.20 Crores to PWD. This was put up for approval of Executive Council.

The Council suggested putting up the issue through Building and Works Committee and Finance Committee.

Item No.17: To discuss about re-tendering for statue of Dr. Babasaheb Ambedkar

The tenders were invited for the statue of Dr. Babasaheb Ambedkar in 8.3.2010. The sculptor was also finalized. However, the work order has not been issued. Now, it is necessary to issue the work order. Since this process was done 5-6 years back, the issue will be put up for discussion and guidance.

The Council suggested the following:

1. It is necessary to repeat the process of tendering.
2. Since, this is a specialized task, 10-15 best sculptors should be identified and asked to present the clay models.
3. Statue facilitation Committee should be re-constituted.
4. The process of re-tendering should be completed at the earliest possible so that the statue of Dr. Babasaheb Ambedkar could be inaugurated within next 6 months
5. The help from external experts who have already completed/involved in similar type of work should be taken so as to expedite the whole process.

Item No.18: To get the permission for advertisement to fill the vacant posts

The details of vacant posts were put up for getting the permission to advertise and fill the vacant posts at the earliest as per the latest guidelines from Government of Maharashtra.

The Council suggested getting the roaster approved from the concerned authorities. After that, the issue can be put up for approval.

The meeting ended with thanks to the Chair.