



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur-441 110

NAAC Accredited with 'A' Grade,

Ph.: 07104-242919, 242623, 242588

Website : www.ycce.edu E-mail : principal@ycce.edu

2016-17

Summary

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years

- Minutes of Academic Council/BOS meeting
- Details of program syllabus revision in last 5 years



(Dr. U.P. Waghe)

Principal, Y.C.C.E.

Principal

Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road,
NAGPUR-441110

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Minutes of 15th meeting of Academic Council held on 03 September 2016

The **Fifteenth meeting** of Academic Council was held on **03rd September 2016** at 10.30 am in the Board Room of YCCE, Nagpur. The following members attended the 15th meeting of the Academic Council.

1	Dr. U.P. Waghe, Principal & Chairman, AC	12	Dr. Mrs. Kavita R. Singh, HoD Comp. Tech.
2	Dr. M.D. Choudhari, Chief Coordinator, Faculty of Engg and Tech., RTM Nagpur University (V.C.'s Nominee)	13	Dr. Ms. Ujwala Gawande, HoD, Information Tech.
3	Dr. V.H. Tatwawadi, Principal, DBA CoER, Nagpur (VC's Nominee)	14	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics
4	Dr. G.H. Agrawal, KDK College of Engg, Nagpur (VC's Nominee)	15	Dr. Mrs. S.A. Fadnavis, HoD, Physics
5	Dr. N.C. Shivprakash, I,I,Sc., Bangalore	16	Dr. Mrs. Jyoti V. Miskin, HoD, Chem.
6	Mr. Rajendra Jodhpurkar, Persistent Systems, STP, Nagpur.	17	Dr. P.K. Dakhole, Registrar
7	Dr. Sudhir V. Ambekar, HoD, Civil Engg.	18	Dr. P.T. Karule, COE
8	Dr. Sharad S. Chaudhary, HoD, Mechanical Engg.	19	Dr. K.K. Bhojar, Professor, Information Tech, YCCE
9	Prof. Bhushan Y. Bagde, HoD, Electrical Engg.	20	Dr. A.V. Patil, Professor, Civil Engg., YCCE
10	Dr. Mrs. S.V. Rathkanthiwar, HoD Electronics Engg	21	Prof. Aniket P. Munshi, Electrical Engg., YCCE
11	Dr. P.L. Zade, HoD, Electronics & Tele Engg	22	Prof. S.D. Bhole, Dean (Acad. Mat.) & Member Secretary

Leave of Absence granted to			
1	Mr. Sunil C. Panchbhai, LG Electronics, Pune	2	Mr. Chandrashekhar Joshi, Fujitsu Consulting India, Pune

Item 15.1: Welcome of new members

- The Academic Council was reconstituted for the two year term 2016-18. The Vice Chancellor nominated following three academicians on the AC.
 1. Dr. M.D. Choudhari, Chief Coordinator, Faculty of Engg and Tech., RTM Nagpur University and Professor in Chemistry, BD College of Engineering, Sevagram Distt Wardha
 2. Dr. V.H. Tatwawadi, Principal, DBA College og Engg., Wanadongri, Nagpur
 3. Dr. G.H. Agrawal, Professor and Head, Dept. of Electrical Engg, KDK College of Engg, Nagpur
- The BoM nominated the following academicians/ industry persons on the AC.
 1. Prof. Dr. N.C. Siva Prakash, Professor, Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012
 2. Mr. Sunil C. Panchbhai , Dy. General Manager, Team Head-Development, LG Electronics India Pvt. Ltd., Plot No. A-5, MIDC, Ranjangaon, Tal. Shirur, Pune- 412209,
 3. Mr. Rajendra Jodhpurkar, Delivery Head, Life Science & Healthcare, Persistent Systems, Software Technology Park, Near VNIT, Nagpur 440022.
 4. Mr. Chandrashekhar Joshi, Head, Competency Unit - MIS, FUJITSU CONSULTING INDIA, A-15 MIDC Technology Park Talawade Pune 412114
- The Chairman of the Academic Council nominated the following faculty members on the AC
 1. Dr. P.K. Dakhole, Professor in Electronics Engg, YCCE, Nagpur; and Registrar
 2. Dr. P.T. Karule, Professor in Electronics Engg, YCCE, Nagpur; and Controller of Examinations
 3. Dr. K.K. Boyar, Professor in Information Technology, YCCE, Nagpur; and Chairman of Result Review & Moderation Committee
 4. Dr. A.V. Patil, Professor in Civil Engg, YCCE, Nagpur; and Chairman of Self-Assessment of Autonomy
- The Chairman invited Prof. Aniket P. Munshi, A.P. in Electrical Engg, and Faculty In Charge of Students Activities, YCCE., on the Academic Council

Minutes of 15th meeting of Academic Council held on 03 September 2016

- The Chairman nominated Dr. S.D. Bhole, Asso. Professor in Civil Engg, YCCE, Nagpur; and Dean Academic Matters as Member Secretary of the Academic Council

The Chairman of the Academic Council, Dr. U.P. Waghe welcomed the new members of the Academic Council.

Item 15.2. To confirm the Minutes of 14th Meeting of the Academic Council and consider the action taken report.

The 14th meeting of Academic Council was held on 16 January 2016.

The minutes and action taken report on the decisions/ directions of the proceedings of Fourteenth meeting of AC was discussed. Dr. N.C. Shivprakash proposed that the minutes and ATR be approved, which was seconded by Dr. U.H. Gawande.

The AC approved unanimously the minutes of fourteenth meeting of Academic Council held on 16th January 2016 and Action Taken Report thereof.

Item 15.3. To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2014 scheme for UG and PG Programs

The Schemes of examinations and the syllabus was revamped in 2013 and was implemented from the academic session 2014-15. At present, the final year of UG program is undergoing the Autonomous 2010 scheme, whereas the first three years of UG program are under the Autonomous 2014 scheme.

The discussions in the previous Board of Studies meeting were presented by the respective Chairpersons.

The issue of transfer of certain courses from one board of Studies to another was raised during the discussions. After discussions, it was resolved that these issues of transfer of a course from one BoS to another BoS will be decided by the Chairman and Member Secretary of the Academic Council.

Minutes of 15th meeting of Academic Council held on 03 September 2016

The minor correction in the syllabus contents in some courses were proposed by various BoS.

The AC approved changes in courses as suggested by the Board of Studies for 5th to 8th Semester all UG programs.

Item 15.4. To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2010 scheme for UG programs.

There were no changes in the SoE and Course content of Autonomous 2010 Schemes of UG programs.

Item 15.5. To discuss the changes in the intake of existing programs or starting of new UG / PG programs

The proposal for change in the intakes of current UG PG programs or additions / deletions of any programs was not received from any Board of Studies. Hence there shall be no changes in number of programs or their intake. However, the number of students opting for post graduate programs has dwindled over the years due to various reasons. The members proposed that if there are any suitable changes to be made in the intake and closure of the PG programs or amalgamation of two programs like merging of Shift I and Shift II programs is to be done, the Chairman of AC shall be empowered to take the decision, which will be ratified in subsequent meeting of AC.

The Academic Council authorized the Chairman to decide variation in the intake of the program(s). The decisions shall be put up in subsequent meeting of the Academic Council for ratification.

Item 15.6: To Discuss and finalize the changes, if any, in Academic Regulations.

The grade cut off table for practical courses is not included in the academic regulations. Hence, a following table was proposed to be added to the Academic Regulations:

Grade	Marks	
	From	To
A+	90	100
A	80	89
B+	70	79
B	62	69
C+	58	61
C	54	57
D	50	53
F	0	49

The Academic Council approved the incorporation of the above table in the Academic Regulations and resolved to use it from ESE of Odd Term 2016-17 onwards.

Item 15.7. To discuss and approve the report of Controller of Examinations for Even Term 2015-16 including the list of candidates who have become eligible for award of UG and PG degrees.

The Controller of Examinations (CoE) tabled his report for the Even Term of 2015-16. The members showed the concern at the less number of clear pass students in first year B.E. They also suggested that tabular data may be made more self-explanatory by adding few columns. They felt that special efforts are needed to teach the weak students so that the result shows upward improvements in future. The CoE also tabled the list of students who have become eligible for award of UG and PG degrees in the Even and Summer Term of 2015-16.

The list of eligible candidates and the report of CoE was also put on table for approval.

The Academic Council approved the list of students who have become eligible for award of B.E. and M. Tech. Degree and the report of Controller of Examinations.

Item 15.8: To discuss and approve the changes, if any, in Examination Manual.

There are no changes proposed in the Examination Manual.

Item 15.9. To discuss and approve the report of Dean (Academic Matters) for Even Term 2015-16.

The report of academic activities during the Even Term of 2015-16 was submitted by the Dean Academic Matters.

The report of the Dean (Academic Matters) for the even Term of 2015-16 was approved by the Academic Council.

Item 15.10: To discuss and approve the report of Research Centre Activities for Even Term 2015-16

The report for the Even Term of 2015-16 was presented to the Council By Director (Research). The members appreciated the number of research proposals submitted by the college.

The report of Research Centre Activities for Even Term 2015-16 was approved by the Academic Council.

Item 15.11: Any other point with the permission of the Chair

15.11.1 Full Time PhD Students

Dr. Shiv Prakash proposed that the institution should start admitting full time students for PhD degree program. It was explained that the said program is under the RTM Nagpur university regulations. However, the feasibility of admitting full time students with good stipend from research grants/internal funds of the institution could be considered in future.

The feasibility of the proposal will be studied in details by Director R&D, and will submit his report in the next meeting of the Academic Council.

15.11.2 Teachers Recognitions and Achievements

Dr. M.D. Choudhary opined that the achievement of faculty in academic as well as in other fields should be part of Dean's Report. He also suggested that the report on placement activities of the institution must be a part of Dean's Report

The suggestion was welcomed and accepted by all the members.

The Dean's Report will include the achievement of the faculty in academic and other areas.

15.11.3 Sponsored Research Projects

Dr. M.D. Choudhary suggested that the institution should look for projects sponsored by the industry. It will help increase the interaction between the institution and industry as well exposure to students and faculty.

The Director Research explained the various factors involved in sponsored projects and he assured that more efforts will be taken to identify such projects.

The Director R&D will submit a report on various aspects of sponsored projects like industries and their domains and possible linkages for sponsored research projects.

The Academic Council directed Director R&D to look for sponsored research projects.

15.11.4 Best Teacher Award

Dr. M.D. Choudhary suggested that the Best Teacher award will serve as motivation to faculty.

The Academic Council requested the Principal to study the proposal and look for its feasibility and implementation.

15.11.4 Second Graduation Ceremony

Dean- Academic Matters informed the house that the Second Graduation Ceremony was held on 25th June 2016. The Graduation Address was delivered by the Chief Guest, Hon'ble Shri Hansrajji Ahir, Union Minister of State for Chemicals and Fertilizers, Govt. of India, New Delhi. The other Guests at the function were Hon'ble Dr. S.P. Kane, Vice Chancellor and Dr. D.K. Agrawal, Director, Board of College and University Development, Dr. M.D. Choudhary, Chief Coordinator of Faculty of Engineering and Technology of Rashtrasant Tukadoji Maharaj Nagpur University. Hon'ble Shri. Dattaji Meghe, Chairman, Board of Management, YCCE, Nagpur, presided over the function.

The Chairman invited the nominations of respectable persons to be invited to the Third Graduation Ceremony, for delivering the Graduation Address, to be held in December 2016.

The Academic Council appreciated and thanked the dignitaries for the visit to institution and expressed similar cooperation for Third Graduation Ceremony.

15.11.5 Academic Calendar for Even and Summer Term of 2016-17

The draft of Academic Calendar for the Even term of 2016-17 was placed on the table by Dean Academic Matters. The issue was discussed.

The AC directed the Member Secretary to finalize the Academic Calendar by considering views of other functional heads.

15.11.6 Electronic Question Banks

The Council was apprised of the preparation of Electronic Question Banks for the courses of the First Year B.E. The members were

Minutes of 15th meeting of Academic Council held on 03 September 2016

told that the question papers for First Year BE will be prepared from this bank. As the QB is validated by external as well as internal experts, the question papers will be more balanced. The DAM informed that the similar question Banks will be prepared for the courses of higher semesters in the current academic session.

The AC appreciated the efforts and directed that the deadlines for completion of work be followed.

15.11.7 Accreditation Visits

The Chairman informed that the Peer team from NAAC visited the campus 25-27 August 2016. The institution expects the result of this visit in around three months from visit. He also informed that the experts team from NBA is expected to visit YCCE for NBA accreditation of UG as well PG programs. The tentative dates are in October 2016.

The members of Academic Council expressed their best wishes to oncoming NBA visit.

15.11.8 Feedback of stake holder


The process for inclusion of feedback process from stake holder for curriculum development was placed on the table by Dean Academic Matters. The issue was discussed.

The members of Academic Council approved the feedback process from stake holder for curriculum development.

As there was no other point for the discussion, the meeting was adjourned.

The meeting concluded with thanks to the Chair.

Date: 03.10.2016


(S.D. BHOLE)
Member Secretary

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

Hingna Road, Wanadongri, Nagpur-411 110.

Academic Council 2016-18

16th Meeting 25th Feb. 2017

SN	MEMBERS	Affiliation	Signature
1	Dr. U.P. Waghe	Professor in Civil Engg, YCCE, Nagpur, and Principal	
2	Dr. M.D. Choudhari	Professor in Chemistry, BD College of Engineering, Sevagram Dist Wardha	
3	Dr. V.H. Tatwawadi	Principal, DBA College of Engg., Wanadongri, Nagpur	
4	Dr. G.H. Agrawal	Professor and Head, Dept. of Electrical Engg, KDK College of Engg, Nagpur	
5	Prof. Dr. N.C. Siva Prakash, Professor, IISc, Bangalore	Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012	
6	Mr. Sunil C. Panchbhai	Dy. General Manager, Team Head-Development, LG Electronics India Pvt Ltd., Plot No. A-5,MIDC,Ranjangaon, Tal.Shirur, Pune- 412209	
7	Mr. Rajendra Jodhpurkar	Delivery Head, Life Science & Healthcare, Persistent Systems, Software Technology Park, Near VNIT, Nagpur 440022	LOA
8	Mr. Chandrashekhar Joshi	Head, Competency Unit - MIS, FUJITSU CONSULTING INDIA, A-15 MIDC Technology Park Talawade Pune 412114	
9	Dr. Sudhir V. Ambekar	Head, Dept of Civil Engg, YCCE, Nagpur	
10	Dr. Sharad S. Chaudhary	Head, Dept of Mech Engg, YCCE, Nagpur	
11	Dr. R.M. Moharil	Head, Dept of Electrical Engg, YCCE, Nagpur	
12	Dr. Mrs. S. V. Rathkantiwar	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. Prasanna L. Zade	Head, Dept of Electronics and Telecom, YCCE, Nagpur	
14	Dr. Mrs. Kavita R. Singh	Head, Dept of Computer Tech, YCCE, Nagpur	1st sign 25/02/2017
15	Dr. Ms. Ujwala H. Gawande	Head, Dept of Information Tech, YCCE, Nagpur	25/2/17
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	25/2/17
17	Dr. Mrs. S. A. Fadnavis	Head, Physics, YCCE, Nagpur	25/2/17
18	Dr. Mrs. Jyoti V. Miskin	Head, Dept of Chemistry, YCCE, Nagpur	LOA
19	Dr. P.K. Dakhole	Professor in Electronics Engg, YCCE, Nagpur, and Registrar	
20	Dr. P.T. Karule	Professor in Electronics Engg, YCCE, Nagpur, and Controller of Examinations	
21	Dr. K.K. Bhojar	Professor in Information Technology, YCCE, Nagpur, and Chairman of Result Review & Moderation Committee	
22	Dr. A.V. Patil	Professor in Civil Engg, YCCE, Nagpur, and Chairman of Self Assessment of Autonomy	
23	Prof. Aniket P. Munshi	A.P. in Electrical Engg, YCCE, Nagpur	
24	Dr. S.D. Bhole, Dean (Academic Matters)	Asso. Professor in Civil Engg, YCCE, Nagpur, and Dean Academic Matters	



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Minutes of 16th meeting of Academic Council held on 25 February 2017

The **Sixteenth meeting** of Academic Council was held on **25th February 2017** at 10.30 am in the Board Room of YCCE, Nagpur. The following members attended the 16th meeting of the Academic Council.

1	Dr. U.P. Waghe, Principal & Chairman, AC	12	Dr. P.L. Zade, HoD, Electronics & Tele Engg
2	Dr. M.D. Choudhari, Chief Coordinator, Faculty of Engg and Tech., RTM Nagpur University (V.C.'s Nominee)	13	Dr. Mrs. Kavita R. Singh, HoD Comp. Tech.
3	Dr. V.H. Tatwawadi, Principal, DBA CoER, Nagpur (VC's Nominee)	14	Dr. Ms. Ujwala Gawande, HoD, Information Tech.
4	Dr. G.H. Agrawal, KDK College of Engg, Nagpur (VC's Nominee)	15	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics
5	Dr. N.C. Shivprakash, I,I,Sc., Bangalore	16	Dr. Mrs. S.A. Fadnavis, HoD, Physics
6	Mr. Sunil C. Panchbhai, LG Electronics, Pune		Dr. P.K. Dakhole, Registrar
7	Mr. Chandrashekhkar Joshi, Fujitsu Consulting India, Pune	17	Dr. P.T. Karule, COE
8	Dr. Sudhir V. Ambekar, HoD, Civil Engg.	18	Dr. K.K. Bhojar, Professor, Information Tech, YCCE
9	Dr. Sharad S. Chaudhary, HoD, Mechanical Engg.	19	Dr. A.V. Patil, Professor, Civil Engg., YCCE
10	Prof. Bhushan Y. Bagde, HoD, Electrical Engg.	20	Prof. Aniket P. Munshi, Electrical Engg., YCCE
11	Dr. Mrs. S.V. Rathkanthiwar, HoD Electronics Engg	21	Prof. S.D. Bhole, Dean (Acad. Mat.) & Member Secretary

Leave of Absence granted to

1	Mr. Rajendra Jodhpurkar, Persistent Systems, STP, Nagpur.	2	Dr. Mrs. Jyoti V. Miskin, HoD, Chem.
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Item 16.1 Welcome of new members

The Chairman of the Academic Council, Dr. U.P. Waghe welcomed the members of the Academic Council with floral bouquet. The members introduced themselves with a brief about organization of their affiliation.

Item 16.2 To confirm the Minutes of 15th Meeting of the Academic Council and consider the action taken report.

The AC approved unanimously the minutes of Fifteenth meeting of Academic Council held on 03 September 2016 and Action Taken Report thereof.

Item 16.3 To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2014 scheme for UG and PG Programs

The Chairpersons of various Boards of Studies presented the minutes of the meetings to Academic Council.

Part A: The minor changes proposed by various boards regarding the syllabi of the courses of "Autonomous 2014" scheme are shown in the following table.

BoS	Course Code & Name
General Engineering	Nil
Civil	CV1210 Surveying-I
	CV1214 Building Construction and Building Drawing
	CV1301 Surveying -II
	CV1329 OE I : Construction Techniques
	CV1331 Reinforced Concrete Structures
	CV1310 Fluid Mechanics -II
	CV1332 Steel Structures
	CV1342 OE II: Air Pollution and Solid Waste Management
	CV1402 Structural Analysis-II
	CV1422 Transportation Engineering -II



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BoS	Course Code & Name
Civil	CV1441 Environmental Engineering II
	CV1411 PE II: Advanced Hydraulics
	CV1428 PE IV: Earthquake Engineering
	CV1429 PE IV: Matrix Analysis of Structures
	CV1903 Structural Dynamics
	CV1907 Design of Substructures
	CV1913 Earthquake and wind effects on Structures
	CV1917 PE-II Advanced Steel Structures
	CV1919 PE-II Smart Structures and Applications
	CV1923 PE-III Tall Building
	CV1925 PE-III Bridge Engineering
	CV1926 PE-IV Plastic Analysis and Design of Structures
	CV1927 PE-IV Seismic Analysis and Design of Structures
	CV1961 Industrial Waste Water Treatment and Disposal
	CV1964 Municipal Solid Waste Management
	CV1972 PE-II Rural Water Supply and Sanitation
	CV1973 PE-III Applied Structures
	CV1972 PE-II Rural Water Supply and Sanitation
	CV1206 Lab: Fluid Mechanics-I
	CV1211 Lab: Surveying-I
	CV1215 Lab: Computer Aided Building Drawing
	CV1308 Lab: Structural Analysis-I
	CV1906 Lab: Matrix Analysis of Structures
	CV1908 Research Practice
CV1922 Seminar	
CV1929 Project Phase-I	
CV1931 Project Phase- II	
Mechanical	Nil
Electrical	EL1203:Electrical Machines I
	EL1321:Testing and Maintenance of Electrical Machines,
	EL1302:Power Electronics,
	EL1301:Electrical Power System I
	EL1320:OE1:Electrical Machines and their applications
	EL1422:Power System Operation and Their Control
	EL1922:Restructuring of Power System



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BoS	Course Code & Name
	EL1933:Power System Stability
Electronics	EE1203-Digital Circuits
	EE1416-Biomedical Instrumentation & Its Application
	EE1905-Advanced Communication
	EE1951 VLSI Signal Procession
Electronics & Telecommunication	ET1401-RF and Microwave
Computer Technology	CSE 1902 Real Time Systems
	CSE1915 Software Architecture
	CSE 1919 Data Warehousing
	CSE 1920 Wireless Sensor Network
	CSE 1923 Computer Vision
	CSE 1924 Natural Language Processing
Information Technology	IT1322 Web Technology
	IT1336 Introduction to E-Commerce
	IT1403 Principle of Compiler Design
	IT1415 Neural Network and Fuzzy Logic
	IT1206 Microprocessor Based System Design
	IT1303 Operating Systems
	IT1307 Computer Graphics
	IT1311 Artificial Intelligence
	IT1210 Lab: Computer Workshop
	IT1203 Lab: Object Oriented Programming
	IT1304 Lab: Operating Systems
	IT11317 Lab: Data Base Management Systems
	IT1101: Introduction to computer Programming
	IT1210 Lab: Computer Workshop



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The changes in the text / reference books suggested by the BoS as below

BRANCH	Course Code & Name
CV	CV1301 Surveying -II
	CV1331 Reinforced Concrete Structures
	CV1342 OE II: Air Pollution and Solid Waste Management
	CV1422 Transportation Engineering –II
	CV1428 PE IV: Earthquake Engineering
	CV1429 PE IV: Matrix Analysis of Structures
	CV1919 PE-II Smart Structures and Applications
	CV1923 PE-III Tall Building
	CV1925 PE-III Bridge Engineering
	CV1927 PE-IV Seismic Analysis and Design of Structures
ME	Nil
EL	EL1416: Switchgear and Protection
	EL1309: Electrical Drives
	EL1432: Electrical Distribution Power System
EE	Nil
ET	Nil
CT	CT1205 Programming Language Concepts & Constructs
	CT1208 System Programming
IT	IT1101 Introduction to Computer Programming

Part B: Proposed New Courses:

The BoS in Computer Technology has proposed the following new courses.

Proposed Syllabus for Professional Electives

1. Cyber Forensics
2. Machine Learning
3. Probabilistic and Statistical Analytics

Industry aligned electives in VI semester (Pure Lab Course)

1. Open Source Lab (with TCS)



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2. MOS Lab (with Global Logic)

3. IGIS (with 6Simplex Software Solution)

The BoS is working in close coordination with the industry for framing the syllabi and deliverables.

Part C: Reorganization of the Scheme of Examination:

Looking at the opportunities of training of students in the reputed IT sector companies, the BoS of information Technology has proposed the reorganization of the Scheme of Examination for Final Year.

The salient points of the scheme are:

- The batch of Final Year BE in Information Technology shall be divided into two groups called A and B.
- 7th Semester BE shall be offered in the Summer term after conclusion of 6th Sem BE. This will be attended by both the groups A and B.
- 8th Semester BE for Group A will go to industry for one semester long project work in Odd Term. During Even Term, they will undergo the classroom courses.
- 8th Semester BE Group B will undergo the classroom courses during Odd Term and shall go to industry for one semester long project work.
- The project will be jointly monitored by the Industry as well institution
- The credits for award of degree remain same as approved by the Academic Council and Board of Management in previous meeting.

Part D: Evaluation of Lab courses

The matter was discussed in various BoS in last and well their previous meetings. The present evaluation weightages are 40 % and 60% for In Sem and End Sem respectively. All BoS are unanimous in changing the pattern to higher weightage for In Sem Evaluation, almost upto 100%. The matter was discussed with the pro and cons of the changes. The Academic Council directed to test the internal evaluation in some lab courses and report the findings to AC after declaration of result. It also mandated the Chairman and Member Secretary of AC to decide the lab courses of First Year BE in which the evaluation will be done internally fully. The change in SoE on account of this will be accepted by the AC.



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

(Accredited 'A' Grade by NAAC with a score of 3.25)

Hingna Road, Wanadongri, Nagpur - 441 110

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Part E: Electronic Question Banks

The Electronic question banks (EQB) for all courses of First Year BE are complete and are being used for setting of question papers. EQBs for higher semesters are under preparation. It was proposed to prepare solution for all questions included in EQB. All the BoS discussed this matter in details and opined that the EQB should not made mandatory for paper setting. Similarly they opined that preparing solutions to EQB is bad idea. The compulsion to include the questions from EQB takes away the freedom and creativity of the paper setter, they further opined.

The Academic Council also discussed the matter and decided to incorporate the flexibility to paper setters. It agreed that EQB is a good initiative and should be continued. The quality of questions, its text and figures are assured in EQB. The ESE question paper will be set by using the questions from the EQB as well as the questions of the setter in the ration of 60 and 40 percent respectively.

The AC approved changes in syllabi as well changes in the text/reference books for the courses mentioned above. These changes will be incorporated with immediate effect.

The AC noted the proposals of new courses to be offered with active participation of industry in Computer Technology, and exhorted other BoS to look for such courses with inputs from Industry.

The AC has also approved the reorganized scheme for BE in Information Technology.

The Academic Council directed to test the internal evaluation in some lab courses and report the findings to AC after declaration of result. It also mandated the Chairman and Member Secretary of AC to decide the lab courses of First Year BE in which the evaluation will be done internally fully. The change in SoE on account of this will be accepted by the AC.

The AC resolved that Electronic Question Banks will be prepared for all courses of UG programs except professional and open electives. They will be used for setting the question papers of ESE such that a minimum 60% questions will be set by using the question banks and a maximum of 40 % questions shall be set



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by setter from other sources. After the conduct of examination, the questions from outside the EQB will be incorporated in the EQB for further use.

Item 16.4 To discuss the changes in the intake of existing programs or starting of new UG/ PG programs

No such proposal received from any BoS. However, the members discussed the current scenario in engineering education and opined that a variation in intake could have to be compulsorily taken in some circumstances.

The Academic Council authorized the Chairman to decide variation in the intake or closure of the program(s). The decisions shall be put up in subsequent meeting of the Academic Council for ratification.

Item 16.5 To discuss and finalize the changes, if any, in Academic Regulations.

The discussion in the BoS of Electronics Engineering was put before the members of the council.

- The BoS opined that the minimum passing cut off for PG programs in 50% given in AR 19.2.4 may be difficult for slow learners.
- It further opined that the term 'Course completion report' mentioned in AR 33 should be used in place of 'Provisional Certificate'.

The proposals were discussed by the Council Members in the light of provisions of RTMNU and other universities and rejected the them.

Both the proposals were rejected by the Academic Council; hence there shall be no modification to Academic Regulations.



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Item 16.6 To discuss and approve the report of Controller of Examinations for Odd Term 2016-17 including the list of candidates who have become eligible for award of UG and PG degrees

The report of the Controller of Examinations was put up before the members of the Council. Members discussed various items in the report, mainly the results. The report was accepted by the Council.

The Academic Council approved the list of students who have become eligible for award of B.E. and M. Tech. Degree and the report of Controller of Examinations for the Odd Term of 2016-17.

Item 16.7 To discuss and approve the changes, if any, in Examination Manual

There are no changes proposed in the Examination Manual.

Item 16.8 To discuss and approve the report of Dean (Academic Matters) for Even Term 2015-16.

The report of the Dean (Academic Matters) was put before the members. The report was accepted. However, members suggested few more items to be included in the report. These are professional activities of students, Students' Welfare Programs, NCC, NSS and other social activities and books published by the faculty.

The report of the Dean (Academic Matters) for the Odd Term of 2016-17 was approved by the Academic Council. The additional items as suggested by the members will be included in the report from next time onwards.

Item 16.9 To discuss and approve the report of Research Centre Activities for Odd Term 2016-17



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The report of the Research Centre Activities was put before the members. The report was accepted. The members suggested that numbers research scholars who are faculty of YCCE be shown clearly.

The report Research Centre Activities for Odd Term 2015-16 was approved by the Academic Council.

Item 16.10 To discuss the approve the report of the Training and Placement Officer for Odd Term 2016-17

The report of the Training and Placement Officer was put before the members. They suggested changes to be incorporated henceforth, which were noted and will be complied. The members opined that more employers from core industries be invited. The report was accepted.

The report of Training and Placement Officer for Odd Term 2015-16 was approved by the Academic Council.

Item 16.11 Any other matter with the permission of the Chair

Dr. M.D. Choudhary suggested the enhanced use of NPTEL materials as well as MOOCs offered by various universities/ organizations.

Mr. Sunil C. Panchbhai, LG Electronics, Pune suggested the inclusion of best practices and their impacts. He also suggested carrying out the gap analysis between the curriculum and industry requirements and providing bridge courses. He also proposed the promotion of cross learning for students in association with the industry. He suggested the poster sessions from students on topics of current interests.



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Mr. Chandrashekhar Joshi, Fujitsu Consulting India, Pune suggested the role play as a teaching tool. He also suggested creating the laboratories suggested and driven by students. He also wished more training to students. He also suggested the industry exposure to students through site visits and tours. He also suggested a weekly hour session for giving a challenging task to students of all branches.

D-AM, YCCE requested the members to help prepare the questionnaire for indirect assessment of attainments. He also requested the members to suggest ways and means to incorporate the MOOCs as credit course

As there was no other point for the discussion, the meeting was adjourned.

The meeting concluded with thanks to the Chair.

Date: 04.03.2017

(S.D. BHOLE)
Member Secretary

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

Hingna Road, Wanadongri, Nagpur-411 110.

Academic Council 2016-18

16th Meeting 25th Feb. 2017

SN	MEMBERS	Affiliation	Signature
1	Dr. U.P. Waghe	Professor in Civil Engg, YCCE, Nagpur, and Principal	
2	Dr. M.D. Choudhari	Professor in Chemistry, BD College of Engineering, Sevagram Dist Wardha	
3	Dr. V.H. Tatwawadi	Principal, DBA College of Engg., Wanadongri, Nagpur	
4	Dr. G.H. Agrawal	Professor and Head, Dept. of Electrical Engg, KDK College of Engg, Nagpur	
5	Prof. Dr. N.C. Siva Prakash, Professor, IISc, Bangalore	Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012	
6	Mr. Sunil C. Panchbhai	Dy. General Manager, Team Head-Development, LG Electronics India Pvt Ltd., Plot No. A-5,MIDC,Ranjangaon, Tal,Shirur, Pune- 412209	
7	Mr. Rajendra Jodhpurkar	Delivery Head, Life Science & Healthcare, Persistent Systems, Software Technology Park, Near VNIT, Nagpur 440022	LOA
8	Mr. Chandrashekhar Joshi	Head, Competency Unit - MIS, FUJITSU CONSULTING INDIA, A-15 MIDC Technology Park Talawade Pune 412114	
9	Dr. Sudhir V. Ambekar	Head, Dept of Civil Engg, YCCE, Nagpur	
10	Dr. Sharad S. Chaudhary	Head, Dept of Mech Engg, YCCE, Nagpur	
11	Dr. R.M. Moharil	Head, Dept of Electrical Engg, YCCE, Nagpur	
12	Dr. Mrs. S. V. Rathkanthiwar	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. Prasanna L. Zade	Head, Dept of Electronics and Telecom, YCCE, Nagpur	
14	Dr. Mrs. Kavita R. Singh	Head, Dept of Computer Tech, YCCE, Nagpur	1st sign 25/02/2017
15	Dr. Ms. Ujwalla H. Gawande	Head, Dept of Information Tech, YCCE, Nagpur	25/2/17
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	25/2/17
17	Dr. Mrs. S. A. Fadnavis	Head, Physics, YCCE, Nagpur	25/2/17
18	Dr. Mrs. Jyoti V. Miskin	Head, Dept of Chemistry, YCCE, Nagpur	LOA
19	Dr. P.K. Dakhole	Professor in Electronics Engg, YCCE, Nagpur, and Registrar	
20	Dr. P.T. Karule	Professor in Electronics Engg, YCCE, Nagpur, and Controller of Examinations	
21	Dr. K.K. Bhojar	Professor in Information Technology, YCCE, Nagpur, and Chairman of Result Review & Moderation Committee	
22	Dr. A.V. Patil	Professor in Civil Engg, YCCE, Nagpur, and Chairman of Self Assessment of Autonomy	
23	Prof. Aniket P. Munshi	A.P. in Electrical Engg, YCCE, Nagpur	
24	Dr. S.D. Bhole, Dean (Academic Matters)	Asso. Professor in Civil Engg, YCCE, Nagpur, and Dean Academic Matters	

Details of program syllabus

revision in last 5 years



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

{BoS}

No : - YCCE/CE/2015-16/BOS/_____


Date:- 27th July 2016.

Meeting No 17 of Board of Studies of Civil Engineering department is scheduled on **Saturday 30th July 2016 at 12.00 noon in department library**

All staff members are requested to attend the meeting. The agenda of the meeting is mentioned below. All staff members are requested to read the agenda carefully so that they can give fruitful suggestions in the meeting.

Agenda Points for 17th meeting of BoS, Civil engineering, to be conducted on 30th July 2016

- 1/17. Welcome and introduction of new members
- 2/17. Confirmation of minutes of previous meeting held on 14/01/2016
- 3/17. Workshop conducted for validation of Electronic Question Banks of First Year BE courses on 12th and 13th May, 2016
- 4/17. To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board
- 5/17. To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.
- 6/17. To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board.
- 7/17. To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.
- 8/17. To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.
- 9/17. To discuss and suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.
- 10/17. To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.
- 11/17. To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Post Graduate programs that will be examined in End Semester Examination of Odd Term 2016-17.
- 12/17. To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.
- 13/17. To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs.
- 14/17. To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc.
- 15/17. To discuss the feedback received from students/teachers/employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.
- 16/17. Any other matter with the permission of the Chair.


Dr. S.V. Ambekar
Head & Chairman.

Board of Studies Civil Engineering



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DEPARTMENT OF CIVIL ENGINEERING

Name	Signature	Name	Signature	Name	Signature
Mr. H.G. Thakare		Mrs. V.N. Mendhe		Mr. A.N. Asati	
Dr. H.P. Waghre		Ms. C.S. Waghmare		Ms. M.R. Wagh	
Dr. A.M. Pande		Mr. K.S. Ansari		Mr. Y.P. Kherde	
Dr. S.D. Bhole		Mr. H.R. Nakhade		Ms. S.G. Hurekhan	
Dr. S.R. Khandeshkar		Mr. J.M. Raut		Mr. R.M. Bhugat	
Dr. S.V. Ambekar		Mr. D.G. Agrawal		Ms. P.B. Choudhan	
Dr. A.V. Patil		Mr. P.K. Hinge		Mr. N.S. Deshmukh	
Dr. A.I. Dandge		Ms. S.S. Meshram		Mr. H.V. Deshmukh	
Mr. V.G. Meshram		Mr. P.B. Pande		Ms. S.S. Kathalkar	
Dr. A.R. Gajbharje		Mr. A.S. Kutzekar		Ms. H.P. Raut	
Mr. P.S. Desdale		Mr. V.D. Jyade		Mr. S.H. Haral-bede	
Dr. P.R. Dabhole		Mr. H.M. Wande		Mr. P.B. Dhuswale	
Mr. S.M. Waghmare		Ms. P.S. Chakole		Mr. V.V. Dal	
Mr. D.R. Patil		Ms. S.K. Fambale		Ms. S.S. Dhunde	
Mr. H.P. Mandarkar		Mr. S.M. Anandekar		Mr. A.V. Kargate	
Mr. M.S. Bhugat		Mr. S.G. Esambkar		Ms. A.P. Patil	
Dr. S.P. Patil		Mr. S.W. Dhengare			

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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

{BoS}

The 17th Meeting of Board of studies of Civil Engineering is scheduled on ~~Thursday~~ ^{Saturday} 30th July 2016 at 12.00 noon as per following schedule.

Date :- Saturday 30th July 2016
Time :- 12:00 noon.
Venue :- CE-206 (Conference Hall)

The Following staff members attended the meeting.

Name	Signature	Name	Signature	Name	Signature
Dr. A.R. Tembburkar		Mr. Suneel Voditel		Dr. A.R. Ghare	
Prof. P.B. Kulkarni		Ms. Vaidehi Bhedi			

Name	Signature	Name	Signature	Name	Signature
Mr. H.O. Thakare		Mrs. V.N. Mendhe		Mr. A.N. Asati	
Dr. U.P. Waghe		Ms. C.S. Waghmare		Ms. M.R. Wagh	
Dr. A.M. Pande		Mr. K.S. Ansari		Mr. Y.P. Kherde	
Dr. S.D. Bhole		Mr. H.R. Nikhade		Ms. S.G. Hirekhan	
Dr. S.R. Khandeshwar		Mr. J.M. Raut		Mr. R.M. Bhagat	
Dr. S.V. Ambekar		Mr. D.G. Agrawal		Ms. P.B. Chouhan	
Dr. A.V. Patil		Mr. P.K. Hinge		Mr. N.S. Deshmukh	
Dr. A.L. Dandge		Ms. S.S. Meshram		Mr. N.V. Deshmukh	
Mr. V.G. Meshram		Mr. P.B. Pande		Ms. S.S. Kathalkar	
Dr. A.R. Gajbhiye		Mr. A.S. Kurzekar		Ms. H.R. Raut	
Mr. R.S. Deotale		Mr. V.D. Jayale		Mr. S.H. Harinkhede	
Dr. R.R. Dighade		Mr. H.M. Warade		Mr. P.B. Dhawale	
Mr. S.M. Waghmare		Ms. P.S. Chakole		Mr. V.V. Dal	
Mr. D.R. Raut		Ms. S.K. Kamble		Ms. S.S. Dhurde	
Mr. B.P. Nandurkar		Mr. S.M. Amrodiya		Mr. A.V. Kuptate	
Ms. M.S. Bhagat		Mr. S.G. Kalamkar		Ms. A.P. Patil	
Dr. S.P. Raut		Mr. S.W. Dhengare			



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DEPARTMENT OF CIVIL ENGINEERING

Minutes of 17th Bos Meeting on 30/07/2016

- 17th Meeting of BoS of Civil engineering was held on 30th July 2016 It was chaired by Dr. S.V. Ambekar, chairman BoS. Following members were present

Name	Name	Name
Dr. A.R. Tembhurkar	Ms. M.S. Bhagat	Mr. A.N. Asati
Mr. Suneel Voditel	Dr. S.P. Raut	Ms. M.R. Wagh
Dr. A.R. Ghare	Mrs. V.N. Mendhe	Mr. Y.P. Kherde
Ms. Vaidehi Bhedi	Ms. C.S. Waghmare	Ms. S.G. Hirekhan
Mr. H.O. Thakare	Mr. K.S. Ansari	Mr. R.M. Bhagat
Dr. U.P. Waghe	Mr. H.R. Nikhade	Ms. P.B. Chouhan
Dr. A.M. Pande	Mr. J.M. Raut	Mr. N.S. Deshmukh
Dr. S.D. Bhole	Mr. D.G. Agrawal	Mr. N.V. Deshmukh
Dr. S.R. Khandeshwar	Mr. P.K. Hinge	Ms. S.S. Kathalkar
Dr. S.V. Ambekar	Ms. S.S. Meshram	Ms. H.R. Raut
Dr. A.V. Patil	Mr. P.B. Pande	Mr. S.H. Harinkhede
Dr. A.L. Dandge	Mr. A.S. Kurzekar	Mr. P.B. Dhawale
Mr. V.G. Meshram	Mr. V.D. Jayale	Mr. V.V. Dal
Dr. A.R. Gajbhiye	Mr. H.M. Warade	
Mr. R.S. Deotale	Ms. P.S. Chakole	
Dr. R.R. Dighade	Ms. S.K. Kamble	
Mr. S.M. Waghmare	Mr. S.M. Amrodiya	

- Following members had been permitted leave of absence

1. Prof. P.B. Kulkarni
2. Mr. D.R. Raut
3. Mr. B.P. Nandurkar
4. Ms. S.S. Dhurde
5. Mr. A.V. Kapgate
6. Ms. A.P. Patil



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DEPARTMENT OF CIVIL ENGINEERING

Agenda Item No : 1

Welcome and introduction of new members :

Department welcome Dr. A.R. Tembhurkar, Dr. A.R. Ghare, Mr. Suneel Voditel, Ms. Vaidehi Bhedi as new member of BOS of Civil Engg.

Agenda Item No : 2

Confirmation of minutes of previous meeting held on 14/01/2016

The minutes of previous meeting held on 14/01/2016 were confirmed by the members unanimously.

Agenda Item No : 3

Workshop conducted for validation of Electronic Question Banks of First Year BE courses on 12th and 13th May, 2016

It was informed by the chairman that workshop was organizing on 13th May 2016 to validate Electronic Question Banks of First Year BE. The validated Question bank will be sent to Academic Council for confirmation.

Agenda Item No : 4

To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board

All members were asked if any further correction or amendment was required to be done in the scheme of examination of the Undergraduate and Post graduate programs.

No correction and amendments were proposed by any members finally it was unanimously resolved that the scheme of examination be adopted.

Agenda Item No : 5

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.

All members were asked if any further correction or amendment was required to be done in the syllabus of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs of Undergraduate and Post graduate programs.

Some corrections and amendments were proposed by some of the members of the department. The correction will be sent to academic council for confirmation and finalization of syllabus. **It is proposed to offer CV 428 PE-IV Earthquake Engineering for Even Term.** The chairman and BoS experts approved it.



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DEPARTMENT OF CIVIL ENGINEERING

UG Civil Engineering

Course Code	Course Name	Suggestions by Experts and Course Teachers
CV1208	Concrete Technology	Process of rusting of steel added in Unit VI
CV1210	Surveying-I	Underground Surveying added in Unit VI
CV1214	Building Construction and Building Drawing	New materials & techniques in painting added in unit III
CV1216	Engineering Hydrology	Evapotranspiration & Its measurement added in unit II
CV1333	Geotechnical Engineering II	General feature of under reamed piles added in Unit III
CV422	Transporting Engineering-II	Modern aircrafts added in unit IV

PG Structural Engineering

Course Code	Course Name	Suggestions by Experts and Course Teachers
CV1911	Finite Element Method	Rayleigh Ritz Method for Beam analysis is added in Unit I
CV1912	Theory of Plates and Shells	Finite difference method is added in Unit II
CV1913	Earthquake & Wind Effects on Structures	Evolution of seismic risk is added in Unit II

PG Environmental Engineering

Course Code	Course Name	Suggestions by Experts and Course Teachers
CV1964	Municipal Solid Waste Management	Incineration- Mechanism, types and Operation is added in Unit III
CV1968	PE-I Water Resources Management	River monitoring, gauging silting, silt load is added in Unit I



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DEPARTMENT OF CIVIL ENGINEERING

Agenda Item No : 6

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board.

All members were asked if any further correction or amendment was required to be done in the syllabus of various courses in Autonomous 2010 Schemes of Undergraduate programs. Some corrections and amendments were proposed by some of the members of the department. The correction will be sent to academic council for confirmation and finalization of syllabus

Agenda Item No : 7

To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs

All members were asked to suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.

All such corrections would be incorporated in syllabus and would be sent to academic council for confirmation

Agenda Item No : 8.

To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

All members were asked to suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs.

No suggestions were proposed by any members finally it was unanimously resolved that the existing Academic Regulations governing the Undergraduate and Post graduate programs be adopted without any correction.

Agenda Item No : 9

To discuss and suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.

All members were asked to suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.

After discussion it is decided that for evaluation of interdisciplinary projects both guides from different streams will be evaluated by a panel of experts from respective departments.



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DEPARTMENT OF CIVIL ENGINEERING

Agenda Item No : 10

To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.

It was decided to finalized panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs in End Semester Examination of Odd Term 2016-17 within 7 days from date of this meeting.

Agenda Item No : 11

To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Post Graduate programs that will be examined in End Semester Examination of Odd Term 2016-17.

It was decided to finalized panel of paper setters, Moderators and Valuers for the various theory courses at Post Graduate programs in End Semester Examination of Odd Term 2016-17 within 7 days from date of this meeting.

Agenda Item No : 12

To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.

It was decided to finalized panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17 within 7 days from date of this meeting.

Agenda Item No : 13

To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs.

All members requested the chairman to prepared the panel as per his choice within 15 days.



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DEPARTMENT OF CIVIL ENGINEERING

Agenda Item No : 14

To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc.

All members were asked to suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc. A detail discussion to place in this regard. It was finally decided not to proposed any change in existing paper pattern.

Agenda Item No : 15

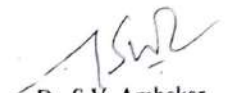
To discuss the feedback received from students/teachers/employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.

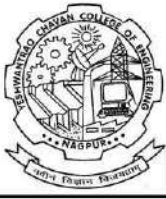
The current SoE & curriculum of 2014-15 has been discussed with stakeholders of the department including students/teachers/employers/alumni/parents , and necessary inputs in the form of feedback has been collected from them.

Agenda Item No : 16

Any other matter with the permission of the Chair.

Mr. Suneel Voditel , one of the Expert , suggested to run the Practice School Program for Undergraduate students. The Chairman accepted the proposal.


Dr. S.V. Ambekar
Head, CE, YCCE, Nagpur,



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

{BoS}

No :- YCCE/CE/2016-17/BOS/_____

Date:- 07th February 2017

Meeting No 18 of Board of Studies of Civil Engineering department is scheduled on **Saturday 11th February 2017 at 11:30 a.m. in conference hall (CE-206)**

All staff members are requested to attend the meeting. The agenda of the meeting is mentioned below. All staff members are requested to read the agenda carefully so that they can give fruitful suggestions in the meeting.

Agenda Points for 18th meeting of BoS, Civil engineering, to be conducted on 11TH February 2017

Item No. 18.01

Welcome of new members

Item No. 18.02

Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.

Item No. 18.03

To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014 of the Undergraduate and Post graduate programs conducted under the Board

Item No. 18.04

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.

Item No. 18.05

To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.

Item No. 18.06

To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.

Item No. 18.07

To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

Item No. 18.08

To discuss and propose the new courses received from the faculty for inclusion in the curriculum.

Item No. 18.09

To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.

Item No. 18.10

To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.



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DEPARTMENT OF CIVIL ENGINEERING

Item No. 18.11

To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17.

Item No. 18.12

To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.

Item No. 18.13

To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.

Item No. 18.14

To discuss the feedback received from students/teachers/employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.

Item No. 18.15

Any other matter with the permission of the Chair.

Dr. S.V. Ambekar
Head & Chairman,

Board of Studies Civil Engineering

Name	Signature	Name	Signature	Name	Signature
Mr. H.O. Thakare		Dr. S.P. Raut		Mr. S.M. Amrodiya	
Dr. U.P. Waghe		Mrs. V.N. Mendhe		Mr. S.G. Kalamkar	
Dr. A.M. Pande		Ms. C.S. Waghmare		Mr. S.W. Dhengare	
Dr. S.D. Bhole		Mr. K.S. Ansari		Mr. A.N. Asati	
Dr. S.R. Khandeshwar		Mr. H.R. Nikhade		Ms. M.R. Wagh	
Dr. S.V. Ambekar		Mr. J.M. Raut		Mr. Y.P. Kherde	
Dr. A.V. Patil		Mr. D.G. Agrawal		Ms. S.G. Hirekhan	
Dr. A.L. Dandge		Mr. P.K. Hinge		Mr. R.M. Bhagat	
Dr. V.G. Meshram		Ms. A.A. Yadav		Ms. P.B. Chouhan	
Dr. A.R. Gajbhiye		Ms. S.S. Meshram		Mr. N.S. Deshmukh	
Mr. R.S. Deotale		Mr. P.B. Pande		Mr. N.V. Deshmukh	
Dr. R.R. Dighade		Mr. A.S. Kurzekar		Ms. S.S. Kathalkar	
Mr. S.M. Waghmare		Mr. V.D. Jayale		Ms. H.R. Raut	
Mr. D.R. Raut		Mr. H.M. Warade		Mr. S.H. Harinkhede	
Mr. B.P. Nandurkar		Ms. P.S. Chakole		Ms. A.D. Yawale	
Dr. Ms. M.S. Bhagat		Ms. S.K. Kamble		Ms. M.S. Dani	
D.P. Bawane		Ms. V.D. Bhandarkar		Ms. J.J. Bikram	

Name	Signature	Name	Signature	Name	Signature
Dr. A.R. Tembhurkar	Accepted	Mr. Suneel Voditel	Accepted	Dr. H.L. Hazare	Accepted
Prof. P.B. Kulkarni	Accepted	Ms. Vaidehi Bhedi	Accepted		



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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR {BoS}

The 18th Meeting of Board of studies of Civil Engineering is scheduled on **Saturday 11th February 2017** at 11.30 a.m. as per following schedule.

Date :- Saturday 11th February 2017

Time :- 11:30 a.m.

Venue :- Department Library

The Following staff members attended the meeting.

Name	Signature	Name	Signature	Name	Signature
Dr. A.R. Tembhurkar		Mr. Suneel Voditel		Dr. H.L. Hazare	
Prof. P.B. Kulkarni		Ms. Vaidehi Bhedi			

Name	Signature	Name	Signature	Name	Signature
Mr. H.O. Thakare	-----	Dr. S.P. Raut		Mr. S.M. Amrodiya	
Dr. U.P. Waghe	-----	Mrs. V.N. Mendhe		Mr. S.G. Kalamkar	
Dr. A.M. Pande		Ms. C.S. Waghmare		Mr. S.W. Dhengare	
Dr. S.D. Bhole		Mr. K.S. Ansari		Mr. A.N. Asati	
Dr. S.H. Khandeshwar		Mr. H.R. Nikhade		Ms. M.R. Wagh	
Dr. S.V. Ambekar		Mr. J.M. Raut		Mr. Y.P. Kherde	
Dr. A.V. Patil		Mr. D.G. Agrawal		Ms. S.G. Hirekhan	
Dr. A.L. Dandge		Mr. P.K. Hinge		Mr. R.M. Bhagat	
Dr. V.G. Meshram		Ms. A.A. Yadav		Ms. P.B. Chouhan	
Dr. A.R. Gajbhiye		Ms. S.S. Meshram		Mr. N.S. Deshmukh	
Mr. R.S. Deotale		Mr. P.B. Pande		Mr. N.V. Deshmukh	
Dr. R.R. Dighade		Mr. A.S. Kurzekar		Ms. S.S. Kathalkar	
Mr. S.M. Waghmare		Mr. V.D. Jayale		Ms. H.R. Raut	
Mr. D.R. Raut		Mr. H.M. Warade		Mr. S.H. Harinkhede	
Mr. B.P. Nandurkar		Ms. P.S. Chakole		Ms. A.D. Yawale	
Dr. Ms. M.S. Bhagat		Ms. S.K. Kamble			



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DEPARTMENT OF CIVIL ENGINEERING

Minutes of 18th Bos Meeting on 11/02/2017

- 18th Meeting of BoS of Civil engineering was held on 11th February 2017 It was chaired by Dr. S.V. Ambekar, chairman BoS. Following members were present

Name	Name	Name
Dr. A.R. Tembhurkar	Mr. S.M. Waghmare	Mr. H.M. Warade
Prof. P.B. Kulkarni	Mr. D.R. Raut	Ms. P.S. Chakole
Mr. Suneel Voditel	Mr. B.P. Nandurkar	Ms. S.K. Kamble
Dr. H.L. Hazare	Dr. Ms. M.S. Bhagat	Mr. S.M. Amrodiya
Ms. Vaidehi Bhedi	Dr. S.P. Raut	Mr. S.G. Kalamkar
Mr. H.O. Thakare	Mrs. V.N. Mendhe	Mr. S.W. Dhengare
Mr. H.O. Thakare	Ms. C.S. Waghmare	Mr. A.N. Asati
Dr. U.P. Waghe	Mr. K.S. Ansari	Ms. M.R. Wagh
Dr. A.M. Pande	Mr. H.R. Nikhade	Ms. S.G. Hirekhan
Dr. S.D. Bhole	Mr. J.M. Raut	Mr. R.M. Bhagat
Dr. S.R. Khandeshwar	Mr. D.G. Agrawal	Ms. P.B. Chouhan
Dr. S.V. Ambekar	Mr. P.K. Hinge	Mr. N.S. Deshmukh
Dr. A.V. Patil	Ms. A.A. Yadav	Mr. N.V. Deshmukh
Dr. A.L. Dandge	Ms. S.S. Meshram	Ms. S.S. Kathalkar
Dr. V.G. Meshram	Mr. P.B. Pande	Ms. H.R. Raut
Dr. A.R. Gajbhiye	Mr. A.S. Kurzekar	Mr. S.H. Harinkhede
Mr. R.S. Deotale	Mr. V.D. Jayale	Ms. A.D. Yawale

- Following members had been permitted leave of absence

1. Dr. R.R. Dighade
2. Mr. Y.P. Kherde



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DEPARTMENT OF CIVIL ENGINEERING

Item No. 18.01

Welcome to new members

The chairman first welcomed all BoS members. New BoS members, Dr. H.L. Hazare and Ms. Apurva Yawale were welcomed by all BoS members after introduction by the chairman.

Item No. 18.02

Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.

The minutes of previous meeting no. 17 held on 30/07/2016 were already circulated to all members. Since there was no comment from any member, the chairman requested to accept the minutes. Dr. A.V. Patil proposed the minutes to be accepted and Dr. S.P. Raut seconded it. The minutes were then accepted.

Item No. 18.03

To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014 of the Undergraduate and Post graduate programs conducted under the Board

All members were asked if any further correction or amendment was required to be done in the scheme of examination of the Undergraduate and Post graduate programs. A few corrections were suggested by the members. All these changes were accepted by the BoS. These changes would soon be submitted to Dean (Academic Matters) for confirmation and finalization of syllabus.

Item No. 18.04

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.

All members were asked if any further correction or amendment was required to be done in the syllabus of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs of Undergraduate and Post graduate programs.

Some corrections and amendments were proposed by the members of the department in the subjects mentioned below. The correction will be sent to Dean (academic matters) for confirmation and finalization of syllabus. **The corrections are related to modifications in course outcome.**

B.E. (Civil Engineering))(Changes in CO)

S.N.	Semester	Course Code & Name
1	IV Sem.	CV1210 Surveying-I
		CV1214 Building Construction and Building Drawing
2	V Sem.	CV1301 Surveying -II
		CV1329 OE I : Construction Techniques
		CV1331 Reinforced Concrete Structures
3	VI Sem.	CV1310 Fluid Mechanics -II
		CV1332 Steel Structures
		CV1342 OE II: Air Pollution and Solid Waste Management
4	VII Sem.	CV1402 Structural Analysis-II
		CV1422 Transportation Engineering -II



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		CV1441 Environmental Engineering II
		CV1411 PE II: Advanced Hydraulics
5	VIII Sem.	CV1428 PE IV: Earthquake Engineering
		CV1429 PE IV: Matrix Analysis of Structures

Changes in the syllabi UG

Course Code	Course Name	Suggestions by Experts and course teacher
CV1201	Strength of Materials	Differential relation between shear force, bending moment and load added in unit II
CV1203	Geotechnical Engineering-I	Fields of Geotechnical engineering in unit I
CV1304	Transportation Engineering -I	Corrosion-causes and prevention, Aesthetics of bridge added in unit VI
CV1325	OE-I Environmental Management	water audit, health & safety audit added in unit V
CV1327	OE-I Building Services Engineering	Automatic sprinklers added in Unit VI
CV1329	OE-I Construction Techniques	use of nondestructive testing techniques for evaluation added in Unit V
CV1331	CV1331 Reinforced Concrete Structures	Drawing in sketchbook related to topics taught.
CV1342	OE II: Air Pollution and Solid Waste Management	Method of collection added in unit IV
CV1332	Steel Structures	Drawing in sketchbook related to topics taught
CV1433	PE-V Advanced Steel Design	Drawing in sketchbook related to topics taught
CV401	Water Resources Management	reservoir sedimentation and its removal added in Unit II

M.Tech. (Structural Engineering))(Changes in CO)

S.N.	Semester	Course Code & Name
1	I Sem.	CV1903 Structural Dynamics
		CV1907 Design of Substructures
2	II Sem.	CV1913 Earthquake and wind effects on Structures
		CV1917 PE-II Advanced Steel Structures
		CV1919 PE-II Smart Structures and Applications
3	III Sem.	CV1923 PE-III Tall Building
		CV1925 PE-III Bridge Engineering
		CV1926 PE-IV Plastic Analysis and Design of Structures
		CV1927 PE-IV Seismic Analysis and Design of Structures



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PG Structural Engineering

Course Code	Course Name	Suggestions by Experts and course teacher
CV1901	Numerical Methods	Householder's method is added in Unit II
CV1902	Theory of Elasticity and Elastic Stability	Application of trigonometric series, Lateral buckling of beams is added in Unit IV
CV1903	Structural Dynamics	Study of IS 1893 applicable to Water Tanks is added in Unit VI
CV1923	PE-III Tall Buildings	Ductility of reinforced members subjected to flexure is added in Unit II
CV1925	PE-III Bridge Engineering	Introduction to suspension bridges is added in Unit IV.

M.Tech. (Environmental Engineering)(Changes in CO)

S.N.	Semester	Course Code & Name
1	II Sem.	CV1961 Industrial Waste Water Treatment and Disposal
		CV1964 Municipal Solid Waste Management
2	III Sem.	CV1972 PE-II Rural Water Supply and Sanitation
		CV1973 PE-III Applied Structures
		CV1972 PE-II Rural Water Supply and Sanitation

Course Code	Course Name	Suggestions by Experts and course teacher
CV1954	Municipal Water Treatment	Flocculation: Theory of flocculation, Slow mixing devices is added in Unit II
CV1955	Municipal Waste Water Treatment and Disposal	Tricking filter: process description, classification, process design considerations is added in Unit III
CV1974	PE-III Environmental Biotechnology	Advance techniques-gene probes biosensor, immunoassay is added in Unit II
CV1973	PE-III Applied Structures	water storage tanks is added in Unit IV

Item No. 18.05

To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.

All members were asked to suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs. All these changes were accepted by the BoS. These changes would soon be submitted to Dean (Academic Matters) for confirmation and finalization of syllabus. Changes were suggested in the following mentioned courses.



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B.E. (Civil Engineering)

S.N.	Semester	Course Code & Name
1	V Sem.	CV1301 Surveying -II
		CV1331 Reinforced Concrete Structures
2	VI Sem.	CV1342 OE II: Air Pollution and Solid Waste Management
3	VII Sem.	CV1422 Transportation Engineering –II
4	VIII Sem.	CV1428 PE IV: Earthquake Engineering
		CV1429 PE IV: Matrix Analysis of Structures

M.Tech. (Structural Engineering)

S.N.	Semester	Course Code & Name
1	II Sem.	CV1919 PE-II Smart Structures and Applications
2	III Sem.	CV1923 PE-III Tall Building
		CV1925 PE-III Bridge Engineering
		CV1927 PE-IV Seismic Analysis and Design of Structures

Item No. 18.06

To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of under-and Post Graduate programs.

All members were asked if any correction or amendment was required to be done in the list of experiments in Autonomous 2014 Schemes of Undergraduate and Post graduate programs of Undergraduate and Post graduate programs.

Some corrections and amendments were proposed by the members of the department. All these changes were accepted by the BoS. These changes would soon be submitted to Dean (Academic Matters) for confirmation and finalization of syllabus. Changes were suggested in the following mentioned courses.

B.E. (Civil Engineering)

S.N.	Semester	Course Code & Name
1	III Sem.	CV1206 Lab: Fluid Mechanics-I
2	IV Sem.	CV1211 Lab: Surveying-I
		CV1215 Lab: Computer Aided Building Drawing
3	V Sem.	CV1308 Lab: Structural Analysis-I

M.Tech. (Structural Engineering)

S.N.	Semester	Course Code & Name
1	I Sem.	CV1906 Lab: Matrix Analysis of Structures
		CV1908 Research Practice
2	II Sem.	CV1922 Seminar
3	III Sem.	CV1929 Project Phase-I
4	IV Sem.	CV1931 Project Phase- II

Item No. 18.07

To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

The chairman asked to suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs.

No suggestions were proposed by any members. Finally it was unanimously resolved that the existing Academic Regulations governing the Undergraduate and Post graduate programs be continued without any corrections.



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Item No. 18.08

To discuss and propose the new courses received from the faculty for inclusion in the curriculum.

Members were asked to suggest the new courses for inclusion in the curriculum of the Undergraduate and Post graduate programs. No new courses were suggested by the members.

Item No. 18.09

To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.

A panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs in End Semester Examination of even Term 2016-17 was finalized in the meeting and would be sent to CoE office at the earliest.

Item No. 18.10

To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.

A panel of paper setters, Moderators and Valuers for the various theory courses at Postgraduate programs in End Semester Examination of even Term 2016-17 was finalized in the meeting and would be sent to CoE office at the earliest.

Item No. 18.11

To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17.

A panel of internal and external examiners for the various laboratory and non-theory courses at Undergraduate and postgraduate programs in End Semester Examination of even Term 2016-17 was finalized in the meeting and would be sent to CoE office at the earliest.

Item No. 18.12

To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.

It was informed by concerned members that the work of electronic question bank is in progress. It was decided to try and finalize the same for III and IV Semester by 15 June 2017. It was mentioned by Dr. A.R. Tembhurkar and Prof. P.B. Kulkarni that the practice of using electronic question bank for setting up of end semester examination papers was not correct. It was decided to further discuss the matter in Academic council meet.

Item No. 18.13

To discuss and suggest the changes / additions / deletions / alterations in the existing Evaluation Process for theory and other courses.

All members were asked to suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc. A detail discussion took place in this regard.

It was suggested that instead of external examination for practical courses, panel of internal examiners will carry out the assessment of the laboratory course.



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DEPARTMENT OF CIVIL ENGINEERING

Item No. 18.14

To discuss the feedback received from students/teachers/employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.

The current SoE & curriculum of 2014-15 has been discussed with stakeholders of the department including students/teachers/employers/alumni/parents, and necessary inputs in the form of feedback has been collected from them.

Item No. 18.15

Any other matter with the permission of the Chair.

It was suggested by some members that course teacher must have the authority of moderation of grade as well as deciding cutoff of the subjects for End Semester Examination. It was decided to put up the matter in Academic council meet for further deliberations and discussions.

The meeting ended with thank to chair.

Dr. S V Ambekar
Head, CE, YCCE, Nagpur



Nagar Yuwak Shikshan Sanstha's

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Department of Mechanical Engineering

Draft Minutes of 17th BOS meeting held in Mechanical on 30th July 2016

The Curriculum, Development workshop of BOS mechanical was held on **30th July 2016** at 11:00 am in the CAD lab of Mechanical Department YCCE, Nagpur. The following members attended the meeting:

1	Dr. S.S. Chaudhari	Chairman, BoS	20	Dr. R. B. Chadge	Member
2	Dr. P.M. Padole	External Expert	21	Prof. R.G.Bodkhe	Member
3	Dr. V.H. Tatwawadi	University Expert	22	Prof. S.P.Ambade	Member
4	Dr. D.V. Bhope	External Expert	23	Prof. M. S. Tufail	Member
5	Prof. A.P. Edlabadkar	Member Secretary	24	Prof. P. N. Shende	Member
6	Dr. R.L.Shrivastava	Member	24	Prof. G.H.Waghmare	Member
7	Dr. A. V. Kale	Member	26	Prof. P.D. Kamble	Member
8	Prof. S L Bankar	Member	27	Prof. A.B.Amale	Member
9	Dr. S.D.Kshirsagar	Member	28	Prof. D.Y Shahare	Member
10	Prof. S.S.Akant	Member	29	Prof. V. G. Thakre	Member
11	Prof. D.I.Sangotra	Member	30	Ms S.B. Shahare	Member
12	Dr. S.T.Bagde	Member	31	Ms D N Kashyap	Member
13	Prof. M.R.Kotwal	Member	32	Prof. A. R. Narkhede	Member
14	Dr. S.G. Mahakalkar	Member	33	Mr. Y.Y. Nandurkar	Member
15	Prof. N.J.Giradkar	Member	34	Nilesh D. Gedam	Member
16	Prof. V.M.Korde	Member	35	Manish Dakhore	Member
17	Prof. A.S.Bonde	Member	36	Prof. C.D. Mahatme	Member
18	Dr. J.P. Giri	Member	37	Prof. Pratik lande	Member
19	Prof. S.R.Jachak	Member	38	Prof. H.A. Bhimgade	Member

Leave of Absence granted to

1. Dr. Ms. Sheetal Chiddarwar Meritorious Alumni
2. Prof. A.J. Bamnote Member
3. Dr. G.K Awari External Member



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Department of Mechanical Engineering

The meeting was attended by the following members of BOS. The meeting started with floral welcome to the External Members and a warm welcome to all the members of BoS. Following business was transacted in the meeting.

Item No. xx.01

Welcome of new members

BoS well come New member Mr. Santosh Umalkar as a Industrial Expert.

Item No. xx. 02

BoS Chairman announced Dr. S.G Mahakalkar as new member secretary

Item No. xx.03

Confirmation of minutes of previous Meeting.

The minutes of the 15th Meeting of BoS in Mechanical Engineering held on Tuesday dated 09/01/2016 were read by the Member Secretary. The motion for confirmation of minutes was moved by Prof. R.L. Shrivastava seconded by Prof. M.R. Kotwal and was accepted unanimously.

Item No. xx.04

To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate programs conducted under the Board.

No. of professional Elective offer by BOS should be increased.

Item No. xx.05

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Post graduate programs conducted under the Board.

Minor changes in the syllabus of subject Quantitative techniques are accepted.

Item No. xx.06

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board.

No change.

Item No. xx.07

To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.

No change.



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Department of Mechanical Engineering

Item No. xx.08

To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

Bos members accepted the current academic regulations.

Item No. xx.09

To discuss and suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.

As per the suggestions given by Dr. P.M. Padole student has to register in any one department if he is a student of mechanical engineering and want to pursue the project in Electrical domain then he should register in any one department. The project should evaluate by Supervisors from both the department.

Item No. xx.10

To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.

Prepared panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17 is accepted by members.

Item No. xx.11

To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17.

Prepared list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17 is accepted.

Item No. xx.12

To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.



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Prepared panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17 is accepted.

Item No. xx.13

To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs.

Dr. P.M. Padole asked whether it is necessary to prepare the electronic question bank?

As per the discussion of BoS members question banks for the department should be prepared considering the thrust area of the department like Production, Thermal, Design and general Engineering.

Item No. xx.14

To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc.

No change.

Item No. xx.15

Any other matter with the permission of the Chair.

Dr. Padole asked the BoS members to motivate the students to prepare more number of interdisciplinary project.

Kindly make it convenient to attend the meeting.

Dr. S.S. Chaudhari

Chairman

BoS in Mechanical Engineering

Dr. S.G. Mahakalkar

Member Secretary

BoS in Mechanical Engineering

Dr. S. S. Chaudhari

Head, Dept. Of Mechanical Engineering

YCCOE, Nagpur



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Department of Mechanical Engineering

04/02/2017.

Notice of BOS Meeting

The Eighteenth meeting of the Board of Studies in Mechanical Engineering is scheduled on Saturday, 4th February 2017 in the E-Class Room (ME-106) of Mechanical Engineering Department at 11:00 AM.

The minutes of meeting are as follows:

Item No. 18.01

Welcome of new members

Well come all the mebers.

Item No. 18.02

Installation of member Secretary

Last meeting Dr. S. G. Mahakalkar were nominated as member secretary.

Item No. 18.03

Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.

The minutes of the 16th Meeting of BoS in Mechanical Engineering held on Tuesday dated 30/07/2016 were read by the Member Secretary. The motion for confirmation of minutes was moved by Prof. S.L.Bankar seconded by Prof. M.R. Kotwal and was accepted unanimously.

Item No. 18.04

To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.

No. of professional Elective offer by BOS should be increased. It already included in the curriculum.

Item No. 18.05

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.

No Changes in the existing syllabus. Prof. A.J. Bamonte mention that instead of list of experiment we must mention Minimum 8 experiments based on the syllabus of the particular subject.

Item No. 18.06

To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.

Chairman BoS request the members to suggest the reference books at the earliest.

Item No. 18.07

To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.

No Changes in the existing syllabus.

Item No. 18.08

To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

No suggestions.



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Department of Mechanical Engineering

Item No. 18.09

To discuss and propose the new courses received from the faculty for inclusion in the curriculum.

Dr. J.P. Giri and Dr. S.S. Khedkar declared to incorporate one elective each for final year.

Item No. 18.10

To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.

Prepared panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17 is accepted by members.

Item No. 18.11

To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.

Prepared panel of paper setters, Moderators and Valuers for the various theory courses at postgraduate programs that will be examined in End Semester Examination of Even Term 2016-17 is accepted by members.

Minimum 3 set are compulsory suggested by Dr. S.V. Deshmukh.

Item No. 18.12

To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17.

Prepared panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17 is accepted.

Item No. 18.13

To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.

Suggestions were accepted by the BoS members.

Item No. 18.14

To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.

Multiple question papers are required. Minimum 3 paper set for each subject.

Item No. 18.15

Any other matter with the permission of the Chair.

BoS members requested that Learned lab technician are required. OBE should be discussed in the BOS.



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Dr. S.S. Chaudhari

Chairman

BoS in Mechanical Engineering


Dr. S.G. Mahakalkar

Member Secretary

BOS in Mechanical Engineering



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Department of Electrical Engineering

18th Board of Studies in Electrical Engineering Attendance of the Meeting

Date: 23 July 2016

Meeting of the BoS in Electrical Engineering was held on Thursday 23rd July 2016 at

11 am in the Department of Electrical Engineering, YCCE, Nagpur. The meeting was attended by the following members of BoS.

S. N.	Name	S. N.	Name
1.	Mr. B. Y. Bagde	18	Ms.S.B.Rewatkar
2.	Dr.M.R.Ramteke(Academic)	19	Ms.T.D.Tembhekar
3.	Dr.S.S.Bhat(Academic)	20	Mrs.Xma R.Pote
4.	Prof.V.T.Barhate(VC Nominee)	21	Mr. P. S. Shete
5.	Prashant Ingle(Alumni)	22	Mr.G.C.Gondhalekar
6.	Dr. R. M. Moharil	23	Mrs.Ujjwala Waghmare
7.	Dr. S. G. Kadwane	24	Ms.N.P.Wasnik
8.	Dr. P. M. Meshram	25	Mr.Rohan Khonde
9.	Mr. S. S. Gokhale	26	Mr.A.A.Joshi
10.	Mr. R. N. Nagpure	27	Mr.A.R.Tikle
11.	Dr. S. P. Adhau	28	Ms.R.J.Bansod
12.	Mr.H.C.Mandhania	29	Ms.V.L.Meshram
13.	Mrs.A.Y.Fadnis	30	Ms.J.M.Kumbhare
14.	Mr.R.M.Gimonkar	31	Madhura Deshmukh
15.	Mr.A.P.Munshi	32	Bhavika Shah
16.	Dr.S.P.Gawande	33	Manoj Waghmare
17.	Mr.P.S.Patil	34	Pratik Udake

**Department of Electrical Engineering**

Following agenda was deliberated in the meeting

Item no.	Matter
18.01	Welcome of members Madhura Deshmukh Bhavika Shah Manoj Waghmare Pratik Udale
18.02	Confirmation of minutes of previous Meeting *Minutes of 17th BoS meeting were presented before the members and confirmed.
18.03	To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board *No changes were suggested by the members
18.04	To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted Under the Board. *EL1101: Electrical Engineering: Members suggested that no changes are required in Syllabus of First year. *EL1903: Digital Control System <ul style="list-style-type: none">• Title of Unit 6 should be changed to Introduction to Deadbeat Response and Optimal Control Design• <u>Topics to be removed:</u> H_2-optimal control, H_∞-optimal control, Introduction to multivariable robust controls• <u>Topics to be added:</u> Design of discrete control systems with deadbeat response, practical issues with deadbeat response design, Sample data control systems with deadbeat response. (Attachment Annexure A)
18.05	To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board. (Comment: The scheme is applicable only to 7 th and 8 th Semester BE in AY 2016-17) * No changes were suggested by the members

**Department of Electrical Engineering**

18.06	<p>To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.</p> <p>* No changes were suggested by the members</p>
18.07	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.</p> <p>*It was proposed by faculty that with the current evaluation process of TA marks proper deviation is not obtained and CO mapping becomes difficult. So the component of TA should be removed.</p> <p>*It was suggested by members that since we are in autonomy it is not desirable to have 70-30 or 80-20 marking system. Instead the faculty should decide the evaluation of TA marks by conducting activities like group presentation, quiz, open book test, assignment, surprise test with proper documentation.</p> <p>*It was also suggested by members that,3 MSE can be conducted and marks for best of 2 out of 3 can be considered. No Re-MSE I and Re MSE II.</p>
18.08	<p>To discuss and suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.</p> <p>Suggestions are as follows:</p> <p>*Students from different departments should be combined to form an interdisciplinary group.</p> <p>*Each group of students from department will have separate guides.</p> <p>*The two guides can be represented as Guide 1 and Guide 2.</p> <p>*Progress seminars to be conducted jointly at convenient place.</p> <p>*Phase I and Phase II shall be conducted by one expert from each department (2 experts if 2 departments are involved)</p>
18.9	<p>To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.</p> <p>*Panel of Paper setters, moderators and valuers were included in the list of YA 11. YA 11 formats were prepared for Odd 2016-17 examination</p>
18.10	<p>To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17.</p> <p>*Panel of Paper Setters, Moderators and Valuers were included in the list of</p>



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Department of Electrical Engineering

	YA 11. YA 11 formats were prepared for End Semester Examination Odd Term 2016-17.
18.11	To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17. *Panel of Internal and External examiners were included in the list of YA 12. YA 12 formats were prepared for End Semester Examination Odd Term 2016-17 examination
18.12	To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs. *The list of Subject Teachers was finalized before the members of BoS. (Attachment Annexure B) *The question Bank for subjects of Third semester will be prepared by October 2016.
18.13	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc. *Use of question banks It was suggested by the experts: <ol style="list-style-type: none">1) It will be a rigid structure if question paper is set from question bank only.2) Part of the question bank should be available for the students.3) 80% of Question Paper should be from question bank and 20% question could be added by subject teacher.4) NBA Committee may raise question regarding setting of question paper completely from Question Bank.
18.14	Any other matter with the permission of the Chair

The meeting concluded with thanks to the Chair.

Mrs. Xma R. Pote
Secretary (BoS)

Dr. R.M. Moharil
Chairman (BoS)



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DEPARTMENT OF ELECTRICAL ENGINEERING

SESSION: - 2016-2017

Name of Faculty	Sign	Name of Faculty	Sign
Prof.B.Y.Bagde		Prof.T.D.Tembhekar	
Dr.R.M.Moharil		Prof.N.T.Sahu	
Dr.S.G.Kadwane		Prof. X.R. Pote	
Dr.P.M.Meshram		Prof.G.C.Gondhalekar	
Prof.A.Y.Fadnis		Prof.S.R.Gaigowal	
Dr.S.P.Adhau		Prof.B.S.Sudame	
Dr.S.P.Gawande		Prof.P.B.Joshi	
Prof.S.S.Gokhale		Prof.S.L.Tiwari	
Prof.R.N.Nagpure		Prof.U.V.Waghmare	
Prof.H.C.Mandhania		Prof.N. P. Wasnik	
Prof.J.A.Shaikh		Prof.R.S.Khonde	
Prof.R.M.Gimonkar		Prof.A.R.Tikle	
Prof.A.P.Munshi		Prof.M.A.Waghmare	
Prof.P.S.Patil		Dr.C.M.Sakode	
Prof.S.B.Rewatkar		Prof.A.S.Lilhare	
Prof.A.A.Joshi		Prof.V.R.Doifode	
Prof.V.L.Meshram		Prof.P.S.Shete	
Prof.S.A.Jogave		Prof.J.M.Kumbhare	
Prof.M.S.Deshmukh			



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Department of Electrical Engineering

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16.	Dr.S.P.Gawande	33	Manoj Waghmare
17.	Mr.P.S.Patil	34	Pratik Udate



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Department of Electrical Engineering

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Department of Electrical Engineering

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The meeting concluded with thanks to the Chair.

Mrs. Xma R. Pote
Secretary (BoS)

Dr. R.M. Moharil
Chairman (BoS)



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DEPARTMENT OF ELECTRICAL ENGINEERING

SESSION: - 2016-2017

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Prof.B.Y.Bagde		Prof.T.D.Tembhekar	
Dr.R.M.Moharil		Prof.N.T.Sahu	
Dr.S.G.Kadwane		Prof. X.R. Pote	
Dr.P.M.Meshram		Prof.G.C.Gondhalekar	
Prof.A.Y.Fadnis		Prof.S.R.Gaigawal	
Dr.S.P.Adhau		Prof.B.S.Sudame	
Dr.S.P.Gawande		Prof.P.B.Joshi	
Prof.S.S.Gokhale		Prof.S.L.Tiwari	
Prof.R.N.Nagpure		Prof.U.V.Waghmare	
Prof.H.C.Mandhania		Prof.N. P.Wasnik	
Prof.J.A.Shaikh		Prof.R.S.Khonde	
Prof.R.M.Gimonkar		Prof.A.R.Tikle	
Prof.A.P.Munshi		Prof.M.A.Waghmare	
Prof.P.S.Patil		Dr.C.M.Sakode	
Prof.S.B.Rewatkar		Prof.A.S.Lilhare	
Prof.A.A.Joshi		Prof.V.R.Doifode	
Prof.V.L.Meshram		Prof.P.S.Shete	
Prof.S.A.Jogave		Prof.J.M.Kumbhare	
Prof.M.S.Deshmukh			



Nagar Yuwak Shikshan Sanstha's

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17
2016

Department of Electrical Engineering

19th Board of Studies in Electrical Engineering Attendance of the Meeting

Date: 4 February 2017

Meeting of the Board of Studies (BoS) in Electrical Engineering was held on Saturday 4th February 2017 at 10 am in the Department of Electrical Engineering, YCCE, Nagpur. The meeting was attended by the following members of BoS.

S. N.	Name	S. N.	Name
1.	Dr. R. M. Moharil	18	Mr.G.C.Gondhalekar
2.	Dr.M.R.Ramteke(Academic)	19	Mrs.Ujjwala Waghmare
3.	Dr.G.H.Agrawal(VC Nominee)	20	Ms.N.P.Wasnik
4.	Mr. B. Y. Bagde	21	Mr.Rohan Khonde
5.	Dr. S. G. Kadwane	22	Mr.B.S.Sudame
6.	Dr. P. M. Meshram	23	Mr.A.R.Tikle
7.	Mr. S. S. Gokhale	24	Ms.R.J.Bansod
8.	Mr. R. N. Nagpure	25	Ms.V.L.Meshram
9.	Mr.H.C.Mandhania	26	Ms.J.M.Kumbhare
10.	Mrs.A.Y.Fadnis	27	Madhura Deshmukh
11.	Mr.R.M.Gimonkar	28	Bhavika Shah
12.	Dr.S.P.Gawande	29	Manoj Waghmare
13.	Mr.P.S.Patil	30	Mr. P. S. Shete
14.	Ms.S.B.Rewatkar	31	Mr.A.A.Joshi
15.	Ms.T.D.Tembhekar	32	S.L.Tiwari
16.	Mrs.Xma R.Pote	33	S.A.Jogawe
17.	Mrs.N.T.Sahu(Shrirao)		

Leave of absence was granted to:

S. N.	Name	S. N.	Name
1	Dr.S.P.Adhau	4	Mr.V.R.Doifode
2	Mr.A.P.Munshi		
3	Mr.A.S.Lilhare		

**Department of Electrical Engineering**

Following agenda was deliberated in the meeting

Item no.	Matter
19.01	Welcome of members Sandeep Thawkar Dr.G.H.Agrawal(VC Nominee)
19.02	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting. *Minutes of 18th BoS meeting were presented before the members and confirmed.
19.03	To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board *No changes were suggested by the members
19.04	To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board. Undergraduate programs EL1203:Electrical Machines I EL1321:Testing and Maintenance of Electrical Machines, EL1302:Power Electronics, EL1301:Electrical Power System I EL1320:OE1:Electrical Machines and their applications EL1422:Power System Operation and Their Control Post graduate program EL1922:Restructuring of Power System EL1933:Power System Stability *(Attachment Annexure A)
19.05	To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs. EL1416:Switchgear and Protection EL1309:Electrical Drives EL1432:Electrical Distribution Power System *(Attachment Annexure B)
19.06	To discuss and approve the list of experiments, wherever there is a change, in the

**Department of Electrical Engineering**

	laboratory courses of Under-and Post Graduate programs. * No changes were suggested by the members
19.07	To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board. * No changes were suggested by the members
19.08	To discuss and propose the new courses received from the faculty for inclusion in the curriculum. *No suggestions
19.09	To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17. *Panel of Paper setters, moderators and valuers were included in the list of YA 11. YA 11 formats were prepared for Even 2016-17 examination
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19.11	To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17. *Panel of Internal and External examiners were included in the list of YA 12. YA 12 formats were prepared for End Semester Examination Even Term 2016-17 examination
19.12	To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs. *The list of Course Co-ordinators was finalized before the members of BoS. (Attachment Annexure C)
19.13	To discuss and suggest the changes/additions/deletions/alterations in the existing



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Department of Electrical Engineering

Evaluation Process for theory and other courses

* No suggestions were given by the members

19.14

Any other matter with the permission of the Chair

- The external Members **strongly recommended** that **Minimum 30% flexibility should be with the paper setter so that the paper setter can include the questions of his/her choice which will not be from the question bank.**
- In view of CO PO attainment process the Course outcomes of maximum subjects were modified. This was presented before the BoS members and confirmed. (ANNEXURE D)
- As discussed in 15th Academic Council meeting following subject transfers are proposed by BoS (Electrical Engineering)

S.N	Code	Subject	Earlier BoS	New BoS
1	EL1201	Network Analysis	Electrical	Electronics
2	EL1217	Control System	Electrical	Electronics
3	EE1215	Analog Electronics	Electronics	Electrical
4	ET1329	Microprocessor	ET	Electrical
5	EE1216	Lab: Analog Electronics	Electronics	Electrical
6	ET1330	Lab:Microprocessor	ET	Electrical

The meeting concluded with thanks to the Chair.

Mrs. Xma R. Pote
Secretary (BoS)

Dr. R.M. Moharil
Chairman (BoS)

Nagar Yuwak Shikshan Sanstha's

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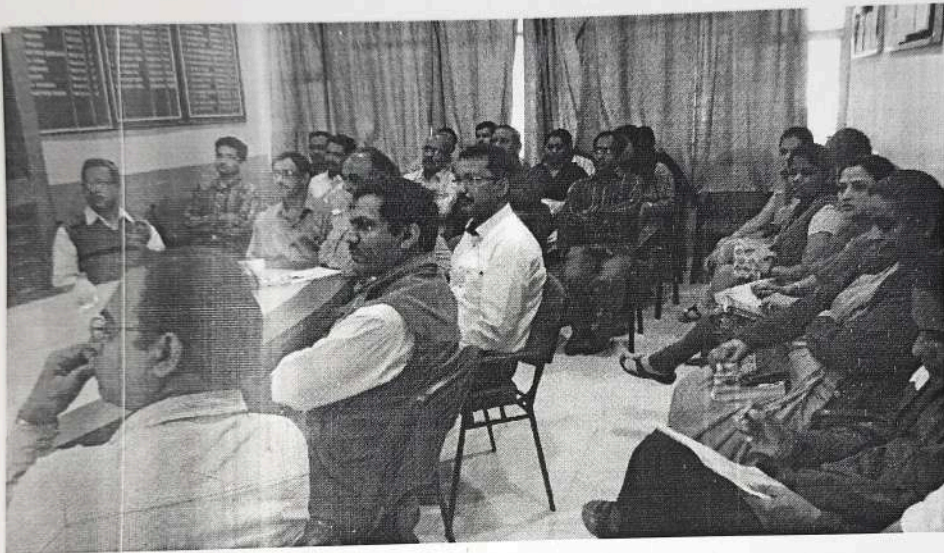
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Department of Electrical Engineering

Date: 4/2/2017

19th Board of Studies Meeting





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DEPARTMENT OF ELECTRICAL ENGINEERING

SESSION: - 2016-2017

Name of Faculty	Sign	Name of Faculty	Sign
Prof.B.Y.Bagde		Prof.T.D.Tembhekar	
Dr.R.M.Moharil		Prof.N.T.Sahu	
Dr.S.G.Kadwane		Prof. X.R. Pote	
Dr.P.M.Meshram		Prof.G.C.Gondhalekar	
Prof.A.Y.Fadnis		Prof.S.R.Gaigowal	
Dr.S.P.Adhau		Prof.B.S.Sudame	
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2016

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15.	Ms.T.D.Tembhekar	32	S.L.Tiwari
16.	Mrs.Xma R.Pote	33	S.A.Jogawe
17.	Mrs.N.T.Sahu(Shirao)		

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Department of Electrical Engineering

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Department of Electrical Engineering

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The meeting concluded with thanks to the Chair.

Mrs. Xima R. Pote
Secretary (BoS)

Dr. R.M. Moharil
Chairman (BoS)



Yashwantrao Chavan College of Engineering

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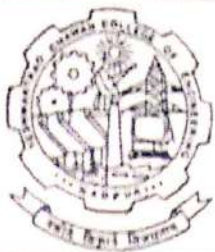
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Department of Electrical Engineering

Date:4/2/2017

19th Board of Studies Meeting





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DEPARTMENT OF ELECTRICAL ENGINEERING

SESSION: - 2016-2017

Name of Faculty	Sign	Name of Faculty	Sign
Prof.B.Y.Bagde		Prof.T.D.Tembhekar	
Dr.R.M.Moharil		Prof.N.T.Sahu	
Dr.S.G.Kadwane		Prof. X.R. Pote	
Dr.P.M.Meshram		Prof.G.C.Gondhalekar	
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Department of Electronics Engineering

Boards of Studies in Electronics Engineering

Minutes of the Meeting No. 19

Meeting No. 19,

Date: 23rd July 2016

Meeting no. 19 of the Board of Studies in Electronics Engineering was held on 23rd July 2016 at 8.30 AM in the Departmental library of Electronics department.

The meeting was attended by the following members of BOS.

- | | | |
|------------------------|-------------------------|-------------------------|
| 1. Dr.S.S.Limaye | 14. Ms. P. P. Palsodkar | 27. Mr A.B.Thatere |
| 2. Dr.R.B.Deshmukh | 15. U.S.Ghodeswar | 28. P.A.Maturkar |
| 3. Mr.A.Uttarwar | 16. Ms.T.G.Panse | 29. Ms. R. S. Balpande |
| 4. Dr.S.V.Rathkantiwar | 17. P. M. Palsodkar | 30. A.R.Zade |
| 5. Prof.M. S. Pawar | 18. S.M.Kakde | 31. V.D. Alagdeve |
| 6. Dr.P.T.Karule | 19. Ms. S. R.Nitanavare | 32. M.N.Kalbande |
| 7. Dr.P.K.Dakhole | 20. A.D.Tijare | 33. Ms. P. M. Palsodkar |
| 8. Dr.R.D.Thakare | 21. Ms. S. A.Dhondse | 34. A.Kshirsagar |
| 9. A. V. Gokhale | 22. A.A. Parkhi | 35. S.Mohod |
| 10. Ms. P. P. Zode | 23. K.G.Pande | 36. A/A.Peshettiwar |
| 11. S.Y.Ambatkar | 24. A.S.Dikholkar | |
| 12. Mr. P. P. Zode | 25. P.A.Jadhav | |
| 13. Mr.Y.A.Suryawanshi | 26. Somulu G. | |

Leave of absence was granted to


1. Dr.C.G.Dethe 2.Mr.S.Bhoyar 3. Ms. Y. A. Gaidhani. 4.S.C.Sangewar

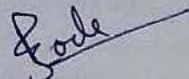
The following agenda points were deliberated in the meeting

19.1	<p>Welcome of new members</p> <p>Dr.S.V.Rathkanthiwar, Chairman, BoS, welcomed all BoS members and mentioned & gave brief introduction of new BoS expert Dr.C.G.Dethe (in his absence)</p>																
19.2	<p>To confirm the minutes of 18th Meeting of BoS.</p> <p>The minutes of the 18th Meeting of BoS in Electronics Engineering held on 7th January 2016 were placed on the table by Dr.S.V.Rathkanthiwar, and were confirmed unanimously.</p>																
19.3	<p>To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board</p> <p>No Changes were proposed by BoS members and the experts suggested that since the present Scheme of Examination seems to be appropriate, no modifications are to be incorporated.</p>																
19.4	<p>To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.(Comment: Consider the remarks given by the faculty in course completion reports of previous terms)</p> <p>No Changes were proposed by faculty members and the experts suggested that the present syllabi is good.</p>																
19.5	<p>To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board. (Comment: The scheme is applicable only to 7th and 8th Semester BE in AY 2016-17)</p> <p>No Changes were proposed by faculty members and the experts suggested that the present syllabi is good.</p>																
19.6	<p>To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.</p> <p>No Changes.</p>																
19.7	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.</p> <p>No Changes.</p>																
19.8	<p>To discuss and suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.</p> <p>The process of evaluation of Project was explained by UG project in charge P.P.Palsodkar and the expert suggested the present process of evaluation is proper and no changes are required in the current process.</p>																
19.9	<p>To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.</p> <p>The panel of paper setters, Moderators and Valuers for the various theory courses at UG and PG levels for End Semester Examination of Even Term 2016-17 was constituted.</p>																
19.10	<p>To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17. (Comment: Question papers of all the courses of PG programs will be set and evaluated by the course instructor from Odd Term 2016-17. The grades of the students will also be decided by the Course Instructors.)</p> <p style="text-align: center;">Electronics Engg</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4">For first semester</th> </tr> <tr> <th>Sr.No.</th> <th>Course code</th> <th>Course Name</th> <th>Course teachers</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>EE1901</td> <td>Advanced Digital Signal Processing</td> <td>V.D.Alagdeve</td> </tr> <tr> <td>2</td> <td>EE1902</td> <td>Digital IC Design</td> <td>1.Dr.U.S.Ghodeswar 2.Y.A.Gaidhani 3. Somulu G.</td> </tr> </tbody> </table>	For first semester				Sr.No.	Course code	Course Name	Course teachers	1	EE1901	Advanced Digital Signal Processing	V.D.Alagdeve	2	EE1902	Digital IC Design	1.Dr.U.S.Ghodeswar 2.Y.A.Gaidhani 3. Somulu G.
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VLSI	3	EE1903	RISC & DSP Processor Architecture	S.Y.Ambatkar	Design	
	4	EE1904	Advanced Digital System Design	1.Dr.P.K.Dakhole 2.P.P.Palsodkar		
	5	EE1905	Advanced Communication Systems	M.N.Kalbande		
	For third semester					
	1	EE1934	Mixed signal VLSI Design	Somulu G.		
	2	EE1935	Cryptography & Network Security	Dr.Y.A.Suryawanshi		
	3	EE1937	Embedded System & RTOS	Dr.S.V.Rathkanthiwar		
	For first semester					
	Sr.No.	Course code	Course Name	Course teachers		
	1	EE1951	VLSI Signal processing	1.Pradnya Zode 2.P.P.Palsodkar		
	2	EE1952	Digital IC Design	1.Dr.U.S.Ghodeswar 2.Y.A.Gaidhani 3. Somulu G.		
	3	EE1953	VLSI Technology	1.R.S.Balpande 2.R.S.Keote		
	4	EE1954	Embedded System & RTOS	1.T.G.Panse 2.A.R.Zade		
	5	EE1955	Advanced Digital System Design	1.Dr.P.K.Dakhole 2.P.P.Palsodkar		
	For third semester					
1	EE1982	Mixed signal VLSI Design	Somulu G.			
2	EE1984	VLSI for wireless communication	Pradnya Jadhav			
3	EE1985	ASIC Design	1.A.D.Tijare 2.S.M.Kakde			
19.11	To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17 The panel of internal and external examiners for the various laboratory courses at UG and PG levels for End Semester Examination of Even Term 2016-17 was constituted.					
19.12	To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs. The list with same course and course teacher is prepared and finalized.					
19.13	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc. For comprehensive viva, BoS experts suggested that an industry person may be invited as external examiner.					
19.14	Any other matter with the permission of the Chair. Dr.R.B.Deshmukh suggested that there should be one design laboratory course (Similar to Tinker lab at IIT, Powai) for which more credits can be assigned in the SoE					

The meeting was concluded with thanks to the Chair.


Dr.S.V.Rathkanthiwar
Chairman
BoS in Electronics Engineering


Ms. P.P.Zode
Member Secretary
BoS in Electronics Engineering

Date: 23rd July 2016

NEW - Composition of Board of Studies in Electronics Engineering

S. No.	Provision	Name of Member	Membership
1	Head of the department	<i>Dr.S.V.Rathkanthiwar</i>	Chairman
2	Faculty Member	<i>Ms. P. P. Zode</i>	Member Secretary
3	Faculty Member	Dr. P. K. Dakhole	Member
4	Faculty Member	Dr. P. T. Karule	Member
5	Faculty Member	Dr. R.D.Thakare	Member
6	Faculty Member	Prof.M.S.Pawar	Member
7	Faculty Member	<i>A. V. Gokhale</i>	Member
8	Faculty Member	A. B. Thatere	Member
9	Faculty Member	S. Y. Ambatkar	Member
10	Faculty Member	Ms. U. S. Ghodeswar	Member
11	Faculty Member	P. P. Zode	Member
12	Faculty Member	Ms. P. P. Palsodkar	Member
13	Faculty Member	Ms. T. G. Panse	Member
14	Faculty Member	Ms. M. N. Kalbande	Member
15	Faculty Member	Ms. Y. A. Gaidhani	Member
16	Faculty Member	Ms. R. S. Balpande	Member
17	Faculty Member	P. M. Palsodkar	Member
18	Faculty Member	Y. A. Suryawanshi	Member
19	Faculty Member	S. M. Kakde	Member
20	Faculty Member	Ms. R. S. Keote	Member
21	Faculty Member	Ms. A. D. Tijare	Member
22	Faculty Member	Ms. S. S. Tidke	Member
23	Faculty Member	Ms. S. A. Dhondse	Member
24	Faculty Member	A. A. Peshettiwar	Member
25	Faculty Member	S. Goguluthu	Member
26	Faculty Member	A. A. Tripathi	Member
27	Faculty Member	A. A. Parkhi	Member
28	Faculty Member	A. R. Zade	Member
29	Faculty Member	V. D. Alagdeve	Member
30	Faculty Member	Kuldeep Pande	Member
31	Faculty Member	P.A.Maturkar	Member
32	Faculty Member	P.C.Chodhary	Member
33	Faculty Member	P.A.Jadhav	Member
34	Faculty Member	S.Mohod	Member
35	Faculty Member	S.Sangewar	Member
36	Faculty Member	A. Kshirsagar	Member
33	Subject expert from outside the college to be nominated by the Academic Council.	Dr. C.G.Dethe, Nagpur	Member(New)
34		Dr. R.B.Deshmukh, VNIT, Nagpur	Member
35	Expert nominated by the vice-chancellor	Dr.S.S.Limaye	Member
36	Representative from industry/corporate sector/allied area relating to placement.	Mr. Ashish Uttarwar,CEO,ARAV Technologies Nagpur	Member
37	Postgraduate meritorious alumnus nominated by the Principal	Mr.S.Bhoyar	Member

Network Analysis-New

UNIT-1: Nodal Analysis of Electric Circuits

Basics of electric circuits, circuit elements and their voltage – current relationship, classification of circuit elements, sources - their types and characteristics, concept of equivalent sources, source transformation, concept of supernode and V – shift, nodal analysis of circuits containing resistors, inductors, capacitors, transformers, and both independent and dependent sources to determine current, voltage, power, and energy.

UNIT-2: Mesh Analysis of Electric Circuits

Concept of supermesh and I – shift, mutual inductance, coefficient of coupling, dot convention, dot marking in coupled coils, mesh analysis of circuits containing resistors, inductors, capacitors, transformers, and both independent and dependent sources to determine current, voltage, power, and energy.

UNIT-3: Network Theorem

Superposition Theorem, Thevenin's Theorem, Norton's Theorem, Maximum Power Transfer Theorem.

Unit-4: Initial Conditions in Networks and The Laplace transform

Initial conditions in elements, Geometrical Interpretation of Derivatives, A procedure for evaluating Initial conditions, Initial state of a Network.

Introduction to Laplace transform, The Laplace transformation, some basic theorems for The Laplace transformation, examples of the solution of problems with The Laplace transformation, Partial Fraction Expansion, Heaviside's Expansion Theorem, the shifted Unit step Function, the ramp and Impulse functions.

~~UNIT 4: Initial and Final Conditions, Impedance Functions and Circuit Analysis with Laplace Transform~~

~~Concept of initial and final conditions, behavior of resistor, inductor and capacitor at $t = 0^-$ and at $t = 0^+$, procedure for evaluating initial and final conditions, analytical treatment.~~

~~Review of Laplace Transform, concept of complex frequency, transform impedance and admittance, s – domain impedance and admittance models for resistor, inductor and capacitor, series and parallel combinations of elements.~~

~~Transformed network on loop and mesh basis, mesh and node equations for transformed networks, time response of electrical network with and without initial conditions by Laplace transform.~~

UNIT 5 : Transforms of other Signal Waveforms, Network Functions, Poles and Zeros of network functions

Unit step, ramp and impulse functions with and without time delay, their Laplace transform, waveform synthesis and its application to electrical networks.

Terminal pairs or ports, network functions for one port and two port networks, definition and physical interpretation of poles and zeros, pole-zero plot for network functions, restrictions on pole and zero locations for driving point and transfer functions, time domain behavior from the pole-zero plot, network synthesis using pole-zero plot.

UNIT-5: Network Functions: Poles and Zeros

Terminal pairs or ports, network functions for one port and two port, the calculation of network functions, poles and zeros of network functions, restrictions on pole and zero locations for driving point functions and transfer functions, time domain behavior from the pole and zero plot, stability of active networks.

UNIT-6: Two Port Parameters

Standard reference directions for the voltages and currents of a two-port network, defining equations for open circuit impedance, transmission, inverse transmission, hybrid and inverse hybrid parameters, relationships between parameter sets, conditions for reciprocity and electrical symmetry in terms of two-port parameters, interconnections of two-port networks.

UNIT-6: Two Port Parameters

Relationship of Two-port variables, Short circuit admittance Parameters, The open-circuit impedance Parameters, transmission Parameters, The hybrid parameters, Relation between parameters sets, Parallel Connection of two - port networks

Text book:

Network Analysis, 3rd Edition M. E. Van Valkenburg PHI Learning Private Limited



Nagar YuwakShikshanSanstha's

YeshwantraoChavan College of Engineering

(An Autonomous Institution affiliated to RashtrasantTukadojiMaharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

Department of Electronics Engineering

Boards of Studies in Electronics Engineering

Minutes of the Meeting No. 20

Meeting No. 20,

Date: 6th Feb 2017

Meeting no. 20 of the Board of Studies in Electronics Engineering was held on 3rd Feb 2017 at 8.30AM in the Department library of Electronics Engineering department.

The meeting was attended by the following members of BOS.

- | | | |
|-------------------------|-----------------------|------------------------|
| 1. Dr.R.B.Deshmukh | 14. R. S. Balpande | 27. V.D. Alagdeve |
| 2. Dr.S.V.Rathkantiwar | 15. M.N.Kalbande | 28. A.P.Kshirsagar |
| 3. Prof.M.S. Pawar | 16. Mr.P.M. Palsodkar | 29. S.Mohod |
| 4. Dr.P.T.Karule | 17. S.M.Kakde | 30. A.A.Peshettiwar |
| 5. Dr.P.K.Dakhole | 18. S. R.Nitanavare | 31. Ms. Y. A. Gaidhani |
| 6. Dr.R.D.Thakare | 19. A.D.Tijare | 32. S.C.Sangewar |
| 7. A. V. Gokhale | 20. S. A.Dhondse | 33. P.N.Bhagat |
| 8. Ms. P. P. Zode | 21. A.A. Parkhi | 34. R.S.Keote |
| 9. S.Y.Ambatkar | 22. K.G.Pande | 35. S.U.Patinge |
| 10. Mr. P. P. Zode | 23. P.A.Jadhav | |
| 11. Ms. P. P. Palsodkar | 24. Somulu G. | |
| 12. Dr.U.S.Ghodeswar | 25. Mr.A.B.Thatere | |
| 13. Ms.T.G.Panse | 26. P.A.Maturkar | |

Leave of absence was granted to

1. Dr.C.G.Dethe

2.Dr.S.S.Limaye

3.Mr.A.Uttarwar

4.Mr.S.Bhoyar

Composition of Board of Studies in Electronics Engineering


S. No.	Provision	Name of Member	Membership
1	Head of the department	Dr.S.V.Rathkanthiwar	Chairman
2	Faculty Member	Ms. P. P. Zode	Member Secretary
3	Faculty Member	Dr. P. K. Dakhole	Member
4	Faculty Member	Dr. P. T. Karule	Member
5	Faculty Member	Dr. R.D.Thakre	Member
6	Faculty Member	Prof.M.S.Pawar	Member
7	Faculty Member	A. V. Gokhle	Member
8	Faculty Member	A. B. Thatere	Member
9	Faculty Member	S. Y. Ambatkar	Member
10	Faculty Member	Ms. U. S. Ghodeswar	Member
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12	Faculty Member	Ms. P. P. Palsodkar	Member
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18	Faculty Member	S. M. Kakde	Member
19	Faculty Member	Ms. A. D. Tijare	Member
20	Faculty Member	S. Goguluthu	Member
21	Faculty Member	V. D. Alagdeve	Member
22	Faculty Member	P.A.Jadhav	Member
23	Faculty Member	Ms. R. S. Keote	Member
24	Faculty Member	Ms. S. S. Tidke	Member
25	Faculty Member	A. A. Parkhi	Member
26	Faculty Member	Ms. S. A. Dhondse	Member
27	Faculty Member	A. A. Peshettiwar	Member
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29	Faculty Member	P.A.Maturkar	Member
30	Faculty Member	P.C.Chodhary	Member
31	Faculty Member	S.Mohod	Member
32	Faculty Member	S.Sangewar	Member
33	Faculty Member	A. Kshirsagar	Member
34	Faculty Member	P.N.Bhagat	Member
35	Faculty Member	S.U.Patinge	Member
36	Subject expert from outside the college to be nominated by the Academic Council.	Dr. C.G.Dethe, Nagpur	Member
37		Dr. R.B.Deshmukh, VNIT, Nagpur	Member
38	Expert nominated by the vice-chancellor	Dr.S.S.Limaye	Member
39	Representative from industry/corporate sector/allied area relating to placement.	Mr. AshishUttarwar, CEO, ARAV Technologies Nagpur	Member
40	Postgraduate meritorious alumnus nominated by the Principal	Mr.S.Bhojar	Member

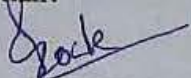
The following agenda points were deliberated in the meeting

20.1	Welcome of new members :- Dr.S.V.Rathkanthiwar, Chairperson, BoS, welcomed all BoS members.			
20.2	To confirm the minutes of 19 th Meeting of BoS. :- The minutes of the 19th Meeting of BoS in Electronics Engineering held on 23rd July 2016 were placed on the table by Dr.S.V.Rathkanthiwar,and were confirmed unanimously.			
20.3	To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board :- No Change.			
20.4	To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of and Post graduate programs conducted under the Board. The minor changes in the syllabi of courses :- EE1203 Digital Circuits (3rdsemB.E.) EE1416 Biomedical Instrumentation &its Application (8th sem B.E.) and EE1905 Advanced Communication Systems(1stsemM.Tech EE) & EE1951 VLSI Signal Processing (1stsemM.Tech VLSI) were proposed by faculty members. The experts were agreed to the proposed changes.			
20.5	To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs. :- No Changes were proposed by faculty members			
20.6	To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs. :- No Changes.			
20.7	To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board. <ol style="list-style-type: none"> 1. Experts have suggested that the paper pattern of Post graduate programs for MSE as well ESE should be flexible i.e.it may vary according to the course pattern and views of the course teacher. 2. Expert opined that 50% cut off may be difficult for slow learners. (Ref. AR19.2.4, page no. 49 of academic regulation) 3. Expert opined that the term ' Course completion report' should be used in place of 'Provisional Certificate' (Ref. AR33, page no. 47 of academic regulation) 			
20.8	To discuss and propose the new courses received from the faculty for inclusion in the curriculum. :- No.			
20.9	To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17. :- The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs for End Semester Examination of EvenTerm 2016-17was constituted.			
20.10	To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17. :- The panel of paper setters, Moderators and Valuers for the various theory courses at Postgraduate programs for End Semester Examination of Even Term 2016-17 is as follows.			
	Electronics Engg. II semester			
	Sr.No.	Course code	Course Name	Course teachers
	1	EE1911/EE1961	RF Circuit Design	1.P.A.Jadhav 2.A.A.Parkhi
	2	EE1912	Soft Computing Techniques	Dr.S.V.Rathkanthiwar
3	EE1913	Digital Image Processing	R.S.Balpande	
4	EE1916/EE1962	Analog IC Design	1.Dr.U.S.Ghodewar 2.Pravin P.Zode	

			3.Y.A.Gaidhani
5	EE1919	Wireless Communication	P.A.Maturkar
VLSI Design. II semester			
1	EE1911/EE1961	RF Circuit Design	1.P.A.Jadhav 2.A.A.Parkhi
2	EE1916/EE1962	Analog IC Design	1.Dr.U.S.Ghodewar 2.Pravin P.Zode 3.Y.A.Gaidhani
3	EE1963	Sythesis & Optimisation of VLSI Circuits	Pradnya.P.Zode
4	EE1966	Low Power CMOS VLSI Design	SomuluGoguluthu
5	EE1969	Verification & Testing of VLSI Circuit	A.D.Tijare
20.11	<p>To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17.</p> <p>:-The panel of internal and external examiners for the various laboratory courses at UG and PG levels for End Semester Examination of Even Term 2016-17was constituted.</p>		
20.12	<p>To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.</p> <p>:-Experts and all BoS members opined that to keep pace with the exponentially growing technology, BoS has to frequently make changes in the Syllabus and SoE. Hence it is practically difficult to implementElectronic Question Bank and derive benefits out of it.</p>		
20.13	<p>To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.</p> <p>:-No suggestions.</p>		
20.14	<p>Any other matter with the permission of the Chair.</p> <p>:-As discussed in 15th Academic Council Meeting dated 3-9-2016 following subject transfers are proposed with minor changes (deletions) in syllabus contents</p> <p>1.EL1201 Network Analysis & its lab EL1202 Lab: Network Analysis (shifted from EL BoS to EE BoS)</p> <p>2.EL1217 Control System Engineering (shifted from EL BoS to EE BoS)</p> <p>3.EE1215 Analog Electronics and its lab EL1216 Lab: Analog Electronics (shifted from EE BoS to EL BoS)</p>		

The meeting was concluded with thanks to the Chair.


Dr.S.V.Rathkanthiwar
Chairman
BoS in Electronics Engineering


Ms. P.P.Zode
Member Secretary
BoS in Electronics Engineering

Date: 6th January 2017

EE416 / EE814	Biomedical Instrumentation & Its Application	L= 3	T = 0	P = 0	Credits = 3
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Evaluation Scheme	MSE-I	MSE-II	TA	ESE	Total	ESE Duration
	15	15	10	60	100	3 Hrs

Objective	Outcome
<p>➤ This course is intended for exposing the students to basics of biomedical instrumentation.</p>	<p>Students</p> <ol style="list-style-type: none"> 1. Will learn the basic concepts of biomedical instrumentation. 2. Will learn measurement techniques for involved in processes such cardiovascular measurements. 3. Will also learn techniques in x-rays,EMG, etc.

UNIT-1:

Introduction to Biomedical instrumentation, development of biomedical instrumentation, biometrics, Physiological system of body, problems encountered in measuring a living system.

UNIT-2:

Basic transducer principle, active transducer, passive transducer, electrode theory, biopotential electrodes, biochemical transducers

UNIT-3 :

The heart and cardiovascular system, characteristics of blood flow, blood pressure measurement, heart sound measurement. Principles of ultrasonic diagnosis, temperature measurement, electrocardiograph, plethysmography, pulmonary function measurement spirometry, pulmonary function analyzers, respiratory gas analyzers

UNIT-4: electrocardiograph, plethysmography, pulmonary function measurement spirometry, pulmonary function analyzers, respiratory gas analyzers

UNIT-5:

Generation of ionizing radiation, instrumentation for diagnostic X-ray, special technique, instrumentation for medical use of radioisotopes, radiation therapy, EMG ,pacemakers, defibrillators, Electrical safety of medical equipment. Physiological effects of electrical current, shock hazards from electrical equipments, Methods of accident prevention.

UNIT-5 :

~~Patient care and monitoring, the elements of intensive care monitoring , diagnosis, calibration, reparability of patient monitoring equipment, instrumentation for monitoring patient, pacemakers, defibrillators,~~

UNIT-6:

~~Electrical safety of medical equipment. Physiological effects of electrical current, shock hazards from electrical equipments, Methods of accident prevention. Telemedicine, Telemedicine applications, telemedicine concept, essential parameters of telemedicine, telemedicine technology, video conferencing, digital communication in telemedicine, use of internet resource for telemedicine~~

Text books:

1	Biomedical Instrumentation & Measurement	By Leaslie Cromwell, Fred Weibell, Erich A Pfeiffer	PHI
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Reference books:

1	Handbook of Biomedical Instrumentation	R.S.Khandpur	TMH
2	Bioelectronic Measurement	Dean A Dmane, David Michaels	Prentice Hall
3	Medicine and Clinical Engineering	Jacobson and Webster	PHI
4	Introduction to Biomedical Equipment Design	Carr and Brown	John Wiley
5	Biomedical Digital Signal Processing	Tompkins	

EE1203	Digital Circuits	L= 4	T = 0	P = 0	Credits = 4
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Evaluation Scheme	MSE-I	MSE-II	TA	ESE	Total	ESE Duration
	15	15	10	60	100	3 Hrs

Objective	Outcomes
<ul style="list-style-type: none"> ➤ The purpose of this course is to develop a strong foundation of digital electronics. ➤ Understand concepts of combinational and sequential circuits. ➤ Analyze the synchronous and asynchronous logic circuits. 	<p>Students</p> <ol style="list-style-type: none"> 1. Will be able to simplify combination logic circuits using Boolean algebra. 2. Will be able to understand and demonstrate the various codes and illustrate the application of logic family 3. Will be able to simply and exhibit the methods to solve logical functions using K-map and Quine McCluskey methods 4. Will be able to understand combination logic circuits used in various digital systems. 5. Will be able to design and analyze Synchronous and Asynchronous sequential Circuits. 6. Will be able to design and demonstrate sate machines.

Unit I:

Logic gates, Switching Algebra & simplification of Boolean expressions, Boolean algebraic theorems, DeMorgan's theorem, SOP, POS, Canonical forms of Boolean expression. Implementations of Boolean expressions using logic gates, Functions & its implementation using Multiplexer, Demultiplexer, Encoder, Decoder. (8 Hours)

Unit II:

Error detection and correction, Parity codes, Hamming's code. Representation of negative numbers, BCD arithmetic, Floating-point representation, Introduction to Logic families & their characteristics such as Fan-In, Fan-out, Propagation delay, Power dissipation, Noise Margin, Timing. (7 Hours)

(7 Hours)

Unit III:

Minimization methods: Karnaugh map, Quine McCluskey methods, incompletely specified functions, Static & Dynamic Hazards in combinational circuits. (6 Hours)

(6 Hours)

Unit IV:

Design of Arithmetic circuits: Half & Full adders, Half & Full Subtractions, Multi-bit parallel adders Carry Propagate adder & Carry Look ahead adder, Comparators, Multi-bit Application designs, Formation of switching functions from word statements, ALU & Combinational circuits design using MSI and LSI chips. (8 Hours)

(8 Hours)

Unit V:

Sequential circuits: Concept of Timing & Clocking: Rise time, fall time, Clock skew, Edge & Level triggers, Binary cell, Latches and flip-flops: RS-FF, D-FF, JK-FF, Master-Slave JK-FF & T-FF's, Excitation & Truth Table, Flip-flop conversions, Shift registers. Introduction to Synchronous and Asynchronous sequential Circuits, Counters: Ring counter, Johnson counter, Ripple counter, Design of synchronous counter: single mode and multi-mode counters.. (6 Hours)

Unit VI:

~~Design of synchronous counter: single mode and multi-mode counters.~~ Classification of synchronous machines, Design of synchronous sequential machines using Moore & Mealy circuits: Sequence detector, State diagram, State reduction (Method of Partitioning) and implementation, Asynchronous sequential Circuits. (8 Hours)

Text Books:

- 1) Digital Circuits & Microprocessors, Hebert Taub, Mc Graw Hill, 1988.
- 2) Switching Theory & Finite Automata, Zvi Kohavi, Mc Graw Hill, 2nd edition, 2004.

Reference Books:

- 1) Modern Digital Electronics, RP Jain, Tata McGraw Hill, 3rd Edition.
- 2) Fundamentals of Logic Design, C.H.Roth, Public Work & Services, 3rd edition 2007.
- 3) Engg Approach to Digital Design, Fletcher, Prentice Hall of India 1993.
- 4) Digital Design, M. Morris Mano, Third Edition, Prentice Hall of India, 4th edition 2008.

**Department of Electronics Engineering**

EE1905	Advanced Communication System	L= 3	T= 0	P= 0	Credits = 3
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Evaluation Scheme	MSE-I	MSE-II	TA	ESE	Total	ESE Duration
	15	15	10	60	100	3 Hrs

Objective	Outcomes
1. To acquaint students to the advanced communication systems and methodology and various Issues related with Communication.	1. Graduates will be able to understand basic theory of digital communications and the most common digital communications techniques. 2. Graduates will be able to apply and analyze mathematical modeling to the problems in digital communications. 3. Graduates will be able to demonstrate the concept of modulation techniques, channel coding techniques, optimum receivers in communication systems.

Unit I

Random Process: Mathematical Definition of a Random Process, Stationary Processes, Mean, Correlation and Covariance functions, Transmission of a Random Process Through a linear Time Invariant Filter, Power Spectral Density, Gaussian Process, Noise, Narrowband Noise, Representation of Narrowband Noise in terms of In Phase and Quadrature components, Representation of Narrowband Noise in terms of Envelope and Phase components. [CO1-M, CO2-H]

Unit II

Characterization of Communication Signals and Systems- Signal space representation- Vector space concept, signal space concept, orthogonal expansions of signals, representation of digitally modulated signals-memory less modulation methods, ~~linear modulation with memory, nonlinear modulation methods with memory.~~ [CO1-M, CO2-H]

Unit III

Pulse Modulation techniques

Minimum Shift Keying (MSK) Modulation, GMSK, Continuous Phase Modulation (CPM) Schemes Channel Characterization and Modeling, Orthogonal Frequency Division Multiplexing (OFDM), Carrier Synchronization, Timing synchronization [CO1-L, CO2-M, CO3-H]

Unit IV

Optimum receiver for signals corrupted by AWGN, performance of the Optimum receiver for memory less modulation, Optimum receiver for CPM signals, Optimum receiver for signal with random phase in AWGN channel. ~~Baseband reception and probability of error, the ML and MAP detection strategies, ML detection with zero mean AWGN, the optimum filter, Schwarz's inequality, transfer function of optimum filter, matched filter, properties of Matched filter, correlation receiver, equalization, the zero forcing equalizer, adaptive equalizer, scrambling, the eye pattern~~ [CO2-M, CO3-S]

Unit V

Channel Capacity and Convolution Coding: Channel models, Channel Capacity, Transfer convolution Codes, Optimum decoding of convolution codes-Viterbi algorithm, Fano algorithm, Punctured convolution codes. [CO1-L, CO3-H]

Unit VI

Spread spectrum signals for digital communications: Introduction to Spread Spectrum Modulation, DSSS, FHSS, and CDMA signals, Code Acquisition and Tracking, Spread Spectrum as a Multiple Access Technique. [CO1-M, CO3-H]

Resources:

1. "Communication Systems", Simon Haykins, 4th edition, John Wiley and sons, INC
2. "Digital Communication", J.G. Proakis, 4th edition, McGraw Hill, 1995.
3. "Digital Communication", Edward. A. Lee and David. G. Messerschmitt, 2nd Edition, Allied Publishers, 2003

EE1951/EE1920	VLSI Signal Processing	L= 3	T = 0	P = 0	Credits = 3
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Evaluation Scheme	MSE-I	MSE-II	TA	ESE	Total	ESE Duration
	15	15	10	60	100	3 Hrs

UNIT I:

Introduction to DSP systems, Data flow and Dependence graphs - critical path, Loop bound, iteration bound, longest path matrix algorithm, Pipelining and Parallel processing of FIR filters, parallel processing, Pipelining and parallel processing for low power.

UNIT II:

Retiming – definitions and properties, solving systems of inequalities, Retiming techniques, Unfolding – an algorithm for unfolding, properties of unfolding, sample period reduction and parallel processing application

UNIT III:

Folding: folding transformation, Register Minimization Techniques, Register minimization in folded architectures folding of multirate systems. Systolic Architecture Design: Introduction, Systolic Array Design Methodology, FIR systolic Arrays, Selection of scheduling vector, Matrix Multiplication and 2D systolic array Design, Systolic design for space representations containing Delays.

UNIT IV:

Fast convolution – Cook-Toom algorithm, modified Cook-Toom algorithm, Winograd algorithm, iterated and cyclic convolution, Algorithmic strength reduction in filters and transforms – 2-parallel FIR filter, 2-parallel fast FIR filter, DCT architecture, rank-order filters, Odd-Even merge-sort architecture, parallel rank order filters.

UNIT V:

~~Pipelined interleaving in digital filters, pipelining in first order digital filters, Parallel processing of digital filters, combined pipelining and parallel processing of IIR filters,~~ Bit-level arithmetic architectures – parallel multipliers with sign extension, parallel carry-ripple and carry-save multipliers, Design of Lyon's bit-serial multipliers using Horner's rule, bit-serial FIR filter, CSD representation, CSD multiplication using Horner's rule for precision improvement, Distributed Arithmetic.

Unit VI:

Redundant number representation, carry free radix-2 addition and subtraction, hybrid radix 4 addition, radix2 hybrid redundant multiplication architectures, data format conversion, redundant to non redundant converter, Numerical strength reduction – sub-expression elimination, multiple constant multiplication, iterative matching.

Resources:

1. Keshab K. Parhi, "VLSI Digital Signal Processing Systems, Design and implementation ", Wiley, Interscience, 2007.
2. U. Meyer – Baese, " Digital Signal Processing with Field Programmable Gate Arrays", Springer, Second Edition, 2004

Control System Engineering

UNIT I : Introduction to Control Systems: History of control system, Basic Components of Control System, Open loop control and close loop control with examples, classification of control systems.

Transfer Function, Block Diagram and Signal Flow Graph : Transfer function and gain, Order of a system, block diagram algebra & reduction techniques, signal flow graph, its constructions and Mason's gain formula.

Mathematical Modelling of physical systems: Mathematical modelling of physical system such as – electrical, mechanical, electro-mechanical, thermal, hydraulic, pneumatic etc., Analogous systems.

UNIT II: Characteristics of Feedback Control Systems : Effect of negative feedback compared to open loop system such as – sensitivity to parameter variation, speed of time response, bandwidth, disturbance rejection and linearizing effect, Effect of positive feedback.

UNIT III: Time Domain Analysis of Control Systems: Concept of transient response, Steady state response and time response, standard test signals, Time response of first order systems, Transfer function of second order system,

Time response of second order system, Time response specifications of second order system, steady state error (e_{ss}) analysis, static error constants and system type, dominant poles, Approximation of high order systems by low order systems, Relation between roots of characteristic equation, damping ratio and transient response, effect of proportional (P), Integral (I) and derivative (D) controllers on the time response concept of transportation lag.

UNIT IV: Stability of Linear Control Systems : Concept of stability, stable, unstable and marginally stable system,

Absolutely stable and conditionally stable system, Necessary conditions for stability, method to determine stability, Routh-Hurwitz stability criterion with special cases, relative stability analysis.

State Variable Analysis : Concept of state, state variables and state model, state model of linear systems, state model using physical variables, phase variables and canonical variables, state model from differential equations, block diagram and signal flow graph, transfer function from state model, stability of systems modeled in state variable form, solution of state equations, state transition matrix, its properties and computation.

UNIT V: Root Locus Technique : Definition, magnitude and angle criteria, properties of root locus, construction rules for root locus plot of negative feedback systems, determining the gain from root locus plot, effect of addition of poles and zeros of $G(s)H(s)$.

UNIT VI: Frequency domain analysis of control systems: Concept of frequency response and sinusoidal transfer function, resonant frequency, resonant peak, cut off frequency, bandwidth, correlation between time and frequency response, polar plot, inverse polar plot, bode plot, all pass and minimum – phase system, ~~experimental determination of transfer function~~, log magnitude versus phase plot.

Stability in Frequency domain : Principle of argument, Nyquist stability criterion, Assessment of relative stability using Nyquist criterion, concept of gain margin and phase margin and its computation using polar plot and log magnitude versus phase plot. ~~Constant M and constant N circles, Nicholas chart.~~

14th 38

Yeshwantrao Chavan College of Engineering, Nagpur
Board of Studies in Electronics and Telecommunication Engineering

Minutes of the 14th BOS Meeting

Date: 1st Aug, 2016

The 14th BOS of **Electronics and Telecommunication Engineering** was held on **30th July, 2016** at 11:30 am in the Department library.

The meeting was attended by the following members of BOS.

Sr. No	Name
1.	Dr. Rajesh S. Pande, RCOEM, Nagpur
2.	Er. Amar Akre, SAP Control, Nagpur
3.	Ms. Pranjali Jumle, Meritorious Alumni

Sr. No.	Name	Sr. No.	Name
1.	Dr.P.L.Zade	2.	Dr.M.M.Mushrif
3.	Dr. M.D.Chavhan	4.	Prof.R. P. Deshmukh
5.	Prof. M.S.Narlawar	6.	Prof. D.B.Bhojar
7.	Prof. K.P.Kamble	8.	Ms. Y. K. Dubey
9.	Mrs. A.D.Belsare	10.	Mrs. N. D. Rehpade (Nimbarte)
11.	Mrs. M. S. Dorle (Chakole)	12.	Mrs. A. V. Choudhari
13.	Mrs. S. M. Chiwande (Shende)	14.	Prof. S. A. Desai
15.	Mrs. N. A. Pande	16.	Prof. S.S. Khade
17.	Mrs. M. S. Ghute	18.	Mrs. M. L. Keote
19.	Prof. C. S. Gode	20.	Prof. P. D. Dorge
21.	Ms. V. Niranjane	22.	Prof. B.Y.Masram
23.	Prof. V. D. Bondre	24.	Prof. K.N.Dongre
25.	Prof. Y. S. Kale	26.	Prof. A. A. Madankar
27.	Prof. R. P. Kamdi	28.	Prof. M. S. Patil
29.	Prof. D. K. Thote	30.	Prof. M.M.Pamcharia



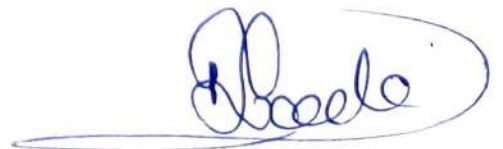
31.	Prof. P. D. Gawande	32.	Prof. Ashish Thakre
33.	Prof. P.S.Mawale		

Leave of absence was granted to -

Sr. No	Name
1.	Dr. A.S.Gandhi, VNIT, Nagpur
2.	Dr. K. M. Bhurchandi, VNIT, Nagpur

The following agenda points were discussed and deliberated in the meeting

1.	<p>Item No. 14.01: Welcome of new members</p> <p>BoS Chairman Dr. P. L. Zade welcomes, new BoS, Expert from Academic Dr. K. M. Bhurchandi, VNIT, Nagpur and Er. Amar Akre, SAP Control, Nagpur, from Industry to the department of ET, YCCE, Nagpur</p>
2.	<p>Item No. 14. 02:Installation of member Secretary</p> <p>Installation of new Member secretary and sub-Committee members for BoS ET is done and details are as follows:</p> <p>BoS Chairman: Dr. P. L. Zade, HoD, ET Member Secretary: Dr. M. D. Chavan, Assoc., Prof. ET Sub-Committee members: Prof. D. B. Bhojar, Member, First Shift BE Prof. M. S. Dorle, Member, Second Shift BE Prof. S. A. Desai, , Member, PG, Communication Engineering</p>
3.	<p>To confirm the minutes of Meeting of 13th BoS Meeting</p> <p>The minutes of the 13th Meeting of BoS in Electronics and Telecommunication Engineering held on 11th Jan, 2016 were placed on the table and were confirmed unanimously.</p>
4.	<p>Item No. 14.04: To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board</p> <p>The SOE and Syllabus of the courses offered in Autonomous 2014 Scheme has been discussed and finalized. Following are the changes suggested by experts in the meeting:</p> <ul style="list-style-type: none"> • Course outcomes for Semester III and IV are to be increased to Six for Theory and Four for Lab and should be reflected in syllabus on the website of YCCE. • The new Course objectives and outcomes for Theory and Lab courses for III and IV sem BE ET have attached herewith. • Contact Hours for V semester Lab course ET1306: Electronic Workshop Lab should be increased to 0-0-4 from 0-0-2 (Th-Tu-Pr) and hence credit will increase from 1 to two. • A new elective from SAP Control Industry: Industrial Automation and Control for Third year BE ET has been proposed by Industry expert and follow up for its syllabus and lab will be done by Prof. S. S. Khade, ET, YCCE along with faculty from SAP Control.



5.	<p>Item No. 14.05: To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.</p> <p>No minor changes have been proposed.</p>
6.	<p>Item No. 14.06: To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board. (Only for 7th and 8th Semester BE in AY 2016-17)</p> <p>No minor changes have been proposed.</p>
7.	<p>Item No. 14.07: To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.</p> <p>No changes have been proposed.</p>
8.	<p>Item No. 14.08: To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.</p> <p>Expert suggested that continuous assessment of Lab courses should be done twice in a semester rather than four times.</p>
9.	<p>Item No. 14.10: To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.</p> <p>The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17 have been prepared and proposed under YA11 of YCCE.</p>
10.	<p>Item No. 14.11: To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17.</p> <p>The panel of paper setters, Moderators and Valuers for the various theory courses at Postgraduate programs that will be examined in End Semester Examination of Odd Term 2016-17 have been prepared, proposed and submitted under YA11 format of YCCE.</p>
11.	<p>Item No. 14.12: To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.</p> <p>The panel of internal and external examiners for the various laboratory courses at UG and PG levels that will be examined in End Semester Examination of EVEN Term 2016-17 have been finalized and submitted in the form of YA12 format.</p>
12.	<p>Item No. 14.13: To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs.</p> <p>Expert in BoS meeting and all BoS members suggested that, as per Academic Autonomy the teacher should have the flexibility while setting the paper. Hence, fixed question bank should not be in practice.</p> <p>Expert pointed out following points based on fixed Question Banks for end semester exam:</p> <ol style="list-style-type: none"> 1. Question Bank may create the problem in those subjects which require questions based on programming. 2. There is not any scope for subject teacher to modify the questions frequently; 3. Also teachers are not always fixed for same subject.

Item No. 14.15: Any other matter with the permission of the Chair.

13. Expert also suggested following points,
- There should not be teaching on Saturdays, as students do not get sufficient time for self study/personality development/extra and curricular activities like GATE/TOFEL/GRE/GMAT preparation.
 - For the smooth conduction of departmental work and to maintain various departmental files for NBA, NAAC, DLA etc. and brain storming sessions, faculty should be free on Saturdays.
 - Department meetings, UG/PG Project seminars, PhD Progress seminars, BoS meetings are mostly scheduled on Saturdays based on availability of external experts, hence there should not be any teaching on Saturday.
 - Those subjects whose syllabus is lagging due to sick and other leaves of faculty should get time to conduct extra classes on Saturdays.
 - Courses like Control System and Network Theory should be taught by ET faculty instead of other department faculty.

The meeting concluded with thanks to the Chair.



Prof. A.D. Belsare

Member Secretary,

BoS, ET



Dr. P. L. Zade

Chairman

BoS, ET



Nagar Yuwak Shikshan Sanstha's

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Department of Electronics & Telecommunication Engineering

30th July, 2016

The meeting was attended by the following members of BOS.

Sr. No	Name	Signature
1	Dr. Rajesh R. Pande, ^{RKNCOE} RKNCOE, Nagpur	
2	Er. Amar Akre, SAP ^{control} Computers	
3	Ms. Pranjali Jumle, Meritorious Alumni	

SNo.	Name	Designation	Sign	Name	Designation	Sign
1	Dr. M.M. Mushrif	Member		M.L. Keote	Member	class
2	Dr. M. D. Chawhan	Member		P.D. Dorge	Member	Acharya
3	R.P. Deshmukh	Member		Y.S. Kale	Member	
4	M.S. Narlawar	Member		V.D. Bondre	Member	
5	K.P. Kamble	Member		B.Y. Masram	Member	
6	D.B. Bhoyar	Member		V.B. Niranjane	Member	
7	Y.K. Dubey	Member		K.N. Dongre	Member	
8	N.D. Rehpade	Member		D.K. Thote	Member	excm committee
9	M.S. Dorle	Member		R.P. Kamdi	Member	Acharya
10	A.V. Choudhari	Member		A.A. Madankar	Member	
11	N.A. Pande	Member		M.S. Patil	Member	class
12	M.S. Ghute	Member		M. M. Panchariya	Member	class
13	S.S. Khade	Member		P.D. Gawande	Member	
14	C.S. Gode	Member		A.K. Thakre	Member	
15	S.A. Desai	Member		P.S. Mawale	Member	class
16	S.S. Chiwande	Member				

02nd February, 2017**Notice of Meeting**

To,
All the Members of
Board of Studies in
Electronics & Telecommunication Engineering

Dear Sir/ Madam,

The **Fifteenth** meeting of the Board of Studies in **Electronics & Telecommunication Engineering** is scheduled on **Saturday, 4th February, 2017** at **10:00 AM** in the **Department of Electronics & Telecommunication Engineering, YCCE, Nagpur.**

The agenda for the meeting shall be as follows:

ITEM NO.	AGENDA POINT
15.01	Welcome of new members.
15.02	Installation of member Secretary
15.03	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.
15.04	To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.
15.05	To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.
15.06	To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.
15.07	To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.
15.08	To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.
15.09	To discuss and propose the new courses received from the faculty for inclusion in the curriculum.
15.10	To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.
15.11	To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.
15.12	To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in



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	End Semester Examination Even Term 2016-17.
15.13	To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.
15.14	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.
15.15	Any other matter with the permission of the Chair.

Kindly make it convenient to attend the meeting.

Dr. M.D. Chawhan
Member Secretary
BoS in E & T Engineering

Dr. P.L. Zade
Chairman
BoS in E & T Engineering

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Department of Electronics & Telecommunication Engineering

The meeting was attended by the following members of BOS

4th February, 2017

Sr. No	Name	Signature
01	Dr. Rajesh S. Pande, RCOEM, Nagpur	
02	Dr. A.S. Gandhi, VNIT, Nagpur	
03	Dr. K. M. Bhurchandi, VNIT, Nagpur	
04	Er. Amar Akre, SAP Controls Pvt. Ltd.	
05	Ms. Pranjali Jumle, Meritorious Alumni	

SNo.	Name	Designation	Sign	Name	Designation	Sign
1	Dr. M.M. Mushrif	Member		M.L. Keote	Member	
2	Dr. P.T. Karule	Member		P.D. Dorge	Member	
3	Dr. P.K. Dakhole	Member		Y.S. Kale	Member	
4	Dr. Mrs. U.S. Ghodeswar	Member		V.D. Bondre	Member	
5	Dr. D.B. Bhojar	Member		B.Y. Masram	Member	
6	Dr. Y.K. Dubey	Member		V.B. Niranjane	Member	
7	R.P. Deshmukh	Member		K.N. Dongre	Member	
8	M.S. Narlawar	Member		D.K. Thote	Member	
9	K.P. Kamble	Member		R.P. Kamdi	Member	
10	A.D. Belsare	Member		A.A. Madankar	Member	
11	N.D. Rehpade	Member		M.S. Patil	Member	
12	M.S. Dorle	Member		M. M. Panchariya	Member	
13	A.V. Choudhari	Member		P.D. Gawande	Member	
14	N.A. Pande	Member		P.S. Mawale	Member	
15	M.S. Ghute	Member		A.V. Revatkar	Member	
16	S.S. Khade	Member		S.D. Bhojar	Member	
17	C.S. Gode	Member		A.S. Dikholkar	Member	
18	S.A. Desai	Member		S.S. Gugulothu	Member	
19	S.S. Chiwande	Member			Member	



Leave of absence was granted to -

Sr. No	Name
1.	Dr. A.S. Gandhi, VNIT, Nagpur
2.	Dr. M.M. Mushrif, Member
3.	Ms. Pranjali Jumle, Meritorious Alumni

The following agenda points were discussed and deliberated in the meeting.

ITEM NO.	AGENDA POINT
15.01	<p>Welcome of new members.</p> <p>BoS Chairman Dr. P. L. Zade welcomes, BoS, Expert from Academic Dr. K. M. Bhurchandi, VNIT, Nagpur and Er. Amar Akre, SAP Control, Nagpur, from Industry and University nominee Dr. Rajesh S. Pande, RCOEM, Nagpur to the department of ET, YCCE, Nagpur</p>
15.02	<p>Installation of member Secretary.</p> <p>Installation of new Member secretary and sub-Committee members for BoS ET is done and details are as follows:</p> <p>BoS Chairman : Dr. P. L. Zade, HoD, ET</p> <p>Member Secretary : Dr. M. D. Chawhan, Assoc., Prof. ET</p> <p>Sub-Committee members:</p> <p>Prof. D. B. Bhoyar, Member, First Shift BE</p> <p>Prof. M. S. Dorle, Member, Second Shift BE</p> <p>Prof. S. A. Desai, Member, PG, Communication Engineering</p>
15.03	<p>Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.</p> <p>The minutes of the 14th Meeting of BoS in Electronics and Telecommunication Engineering held on 30th July, 2016 were placed on the table and were confirmed unanimously.</p>



15.04	<p>To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.</p> <p>The SOE and Syllabus of the courses offered in Autonomous 2014 Scheme has been discussed and finalized. Following are the changes suggested by experts in the meeting:</p> <ul style="list-style-type: none">• Contact Hours for V semester Lab course ET1306: Electronic Workshop Lab should be increased to 0-0-4 from 0-0-2 (Th-Tu-Pr) and hence credit will increase from 1 to two.• An expert from Industry gave his consent to teach 2 Units of subject Electronic Measurement & Instrumentation in Third Semester BE ET and also agreed to float one professional elective from Industry in III Year and follow up for this will be done by Prof. S. S. Khade, ET, YCCE along with faculty from Industry. What will be the remuneration for the same.
15.05	<p>To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014.</p> <p>Schemes of Undergraduate and Post graduate programs conducted under the Board.</p> <p>Minor changes in the VII Semester Subject RF and Microwave were proposed and approved by the experts.(Copy of proposed syllabus is attached herewith).</p>
15.06	<p>To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.</p> <p>No minor changes have been proposed.</p>
15.07	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.</p> <p>No changes have been proposed.</p>
15.08	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.</p> <p>In Simulation Laboratory in addition to Matlab other simulation software such as SCI lab, Lab View can be introduced.</p>



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15.09	To discuss and propose the new courses received from the faculty for inclusion in the curriculum.
	An expert from Industry gave his consent to teach 2 Units of subject Electronic Measurement & Instrumentation in Third Semester BE ET and also agreed to float one professional elective from Industry in III Year and follow up for this will be done by Prof. S. S. Khade, ET, YCCE along with faculty from Industry. What will be the remuneration for the same.
15.10	To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.
	The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17 have been prepared and proposed under YA11 of YCCE.
15.11	To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.
	The panel of paper setters, Moderators and Valuers for the various theory courses at Postgraduate programs that will be examined in End Semester Examination of Even Term 2016-17 have been prepared, proposed and submitted under YA11 format of YCCE.
15.12	To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17.
	The panel of internal and external examiners for the various laboratory courses at UG and PG levels that will be examined in End Semester Examination of EVEN Term 2016-17 have been finalized and submitted in the form of YA12 format.
15.13	To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.
	One of the Expert in BoS meeting suggested that, as per Academic Autonomy the teacher should have the flexibility while setting the paper. The experts were also concern about the security of the Question Bank.
	The other expert were of the opinion that we can definitely experiment and liked the idea of question bank.
	The question banks for III & IV Semester will be ready till February/March.



15.14	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses. -
15.15	Any other matter with the permission of the Chair. Expert also suggested following points, <ul style="list-style-type: none">• No Theory classes on Saturdays, as students should devote time for self-study, there hobbies and programs like personality development, extracurricular activities and GATE/TOFEL/GRE/GMAT preparation.• Department meetings, UG/PG Project seminars, PhD Progress seminars, BoS meetings are mostly scheduled on Saturdays based on availability of external experts, hence there should not be any teaching on Saturday.• Those subjects whose syllabus is lagging due to sick and other leaves of faculty should get time to conduct extra classes on Saturdays.• As discussed in 15th Academic Council Meeting dated 03/09/2016 following subject transfers are proposed by BoS Electronics & Telecommunication Engineering with some minor changes.<ol style="list-style-type: none">1. EL1201 – Network Analysis (Transferred from EL BoS to ET BoS)2. EL1217 – Control System (Transferred from EL BoS to ET BoS)3. ET1329 – Microprocessor (Transferred fro ET to EL BoS).

The meeting concluded with thanks to the Experts.

Dr M.D. Chawhan
Member Secretary,
BoS, ET

Dr. P. L. Zade
Chairman
BoS , ET

02nd February, 2017**Notice of Meeting**

To,
All the Members of
Board of Studies in
Electronics & Telecommunication Engineering

Dear Sir/ Madam,

The **Fifteenth** meeting of the Board of Studies in **Electronics & Telecommunication Engineering** is scheduled on **Saturday, 4th February, 2017 at 10:00 AM** in the **Department of Electronics & Telecommunication Engineering, YCCE, Nagpur.**

The agenda for the meeting shall be as follows:

ITEM NO.	AGENDA POINT
15.01	Welcome of new members.
15.02	Installation of member Secretary
15.03	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.
15.04	To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.
15.05	To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.
15.06	To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.
15.07	To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.
15.08	To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.
15.09	To discuss and propose the new courses received from the faculty for inclusion in the curriculum.
15.10	To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.
15.11	To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.
15.12	To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in



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	End Semester Examination Even Term 2016-17.
15.13	To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.
15.14	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.
15.15	Any other matter with the permission of the Chair.

Kindly make it convenient to attend the meeting.

Dr. M.D. Chawhan
Member Secretary
BoS in E & T Engineering

Dr. P.L. Zade
Chairman
BoS in E & T Engineering

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Department of Electronics & Telecommunication Engineering

The meeting was attended by the following members of BOS

4th February, 2017

Sr. No	Name	Signature
01	Dr. Rajesh S. Pande, RCOEM, Nagpur	
02	Dr. A.S. Gandhi, VNIT, Nagpur	
03	Dr. K. M. Bhurchandi, VNIT, Nagpur	
04	Er. Amar Akre, SAP Controls Pvt. Ltd.	
05	Ms. Pranjali Jumle, Meritorious Alumni	

SNo.	Name	Designation	Sign	Name	Designation	Sign
1	Dr. M.M. Mushrif	Member		M.L. Keote	Member	
2	Dr. P.T. Karule	Member		P.D. Dorge	Member	
3	Dr. P.K. Dakhole	Member		Y.S. Kale	Member	
4	Dr. Mrs. U.S. Ghodeswar	Member		V.D. Bondre	Member	
5	Dr. D.B. Bhojar	Member		B.Y. Masram	Member	
6	Dr. Y.K. Dubey	Member		V.B. Niranjane	Member	
7	R.P. Deshmukh	Member		K.N. Dongre	Member	
8	M.S. Narlawar	Member		D.K. Thote	Member	
9	K.P. Kamble	Member		R.P. Kamdi	Member	
10	A.D. Belsare	Member		A.A. Madankar	Member	
11	N.D. Rehpade	Member		M.S. Patil	Member	
12	M.S. Dorle	Member		M. M. Panchariya	Member	
13	A.V. Choudhari	Member		P.D. Gawande	Member	
14	N.A. Pande	Member		P.S. Mawale	Member	
15	M.S. Ghute	Member		A.V. Revatkar	Member	
16	S.S. Khade	Member		S.D. Bhojar	Member	
17	C.S. Gode	Member		A.S. Dikholkar	Member	
18	S.A. Desai	Member		S.S. Gugulothu	Member	
19	S.S. Chiwande	Member			Member	



Leave of absence was granted to -

Sr. No	Name
1.	Dr. A.S. Gandhi, VNIT, Nagpur
2.	Dr. M.M. Mushrif, Member
3.	Ms. Pranjali Jumle, Meritorious Alumni

The following agenda points were discussed and deliberated in the meeting.

ITEM NO.	AGENDA POINT
15.01	<p>Welcome of new members.</p> <p>BoS Chairman Dr. P. L. Zade welcomes, BoS, Expert from Academic Dr. K. M. Bhurchandi, VNIT, Nagpur and Er. Amar Akre, SAP Control, Nagpur, from Industry and University nominee Dr. Rajesh S. Pande, RCOEM, Nagpur to the department of ET, YCCE, Nagpur</p>
15.02	<p>Installation of member Secretary.</p> <p>Installation of new Member secretary and sub-Committee members for BoS ET is done and details are as follows:</p> <p>BoS Chairman : Dr. P. L. Zade, HoD, ET</p> <p>Member Secretary : Dr. M. D. Chawhan, Assoc., Prof. ET</p> <p>Sub-Committee members:</p> <p>Prof. D. B. Bhoyar, Member, First Shift BE</p> <p>Prof. M. S. Dorle, Member, Second Shift BE</p> <p>Prof. S. A. Desai, Member, PG, Communication Engineering</p>
15.03	<p>Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.</p> <p>The minutes of the 14th Meeting of BoS in Electronics and Telecommunication Engineering held on 30th July, 2016 were placed on the table and were confirmed unanimously.</p>



15.04	<p>To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.</p> <p>The SOE and Syllabus of the courses offered in Autonomous 2014 Scheme has been discussed and finalized. Following are the changes suggested by experts in the meeting:</p> <ul style="list-style-type: none">• Contact Hours for V semester Lab course ET1306: Electronic Workshop Lab should be increased to 0-0-4 from 0-0-2 (Th-Tu-Pr) and hence credit will increase from 1 to two.• An expert from Industry gave his consent to teach 2 Units of subject Electronic Measurement & Instrumentation in Third Semester BE ET and also agreed to float one professional elective from Industry in III Year and follow up for this will be done by Prof. S. S. Khade, ET, YCCE along with faculty from Industry. What will be the remuneration for the same.
15.05	<p>To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014.</p> <p>Schemes of Undergraduate and Post graduate programs conducted under the Board.</p> <p>Minor changes in the VII Semester Subject RF and Microwave were proposed and approved by the experts.(Copy of proposed syllabus is attached herewith).</p>
15.06	<p>To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.</p> <p>No minor changes have been proposed.</p>
15.07	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.</p> <p>No changes have been proposed.</p>
15.08	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.</p> <p>In Simulation Laboratory in addition to Matlab other simulation software such as SCI lab, Lab View can be introduced.</p>



Nagar Yuwak Shikshan Sanstha's

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15.09	<p>To discuss and propose the new courses received from the faculty for inclusion in the curriculum.</p> <p>An expert from Industry gave his consent to teach 2 Units of subject Electronic Measurement & Instrumentation in Third Semester BE ET and also agreed to float one professional elective from Industry in III Year and follow up for this will be done by Prof. S. S. Khade, ET, YCCE along with faculty from Industry. What will be the remuneration for the same.</p>
15.10	<p>To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.</p> <p>The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17 have been prepared and proposed under YA11 of YCCE.</p>
15.11	<p>To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.</p> <p>The panel of paper setters, Moderators and Valuers for the various theory courses at Postgraduate programs that will be examined in End Semester Examination of Even Term 2016-17 have been prepared, proposed and submitted under YA11 format of YCCE.</p>
15.12	<p>To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17.</p> <p>The panel of internal and external examiners for the various laboratory courses at UG and PG levels that will be examined in End Semester Examination of EVEN Term 2016-17 have been finalized and submitted in the form of YA12 format.</p>
15.13	<p>To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.</p> <p>One of the Expert in BoS meeting suggested that, as per Academic Autonomy the teacher should have the flexibility while setting the paper. The experts were also concern about the security of the Question Bank.</p> <p>The other expert were of the opinion that we can definitely experiment and liked the idea of question bank.</p> <p>The question banks for III & IV Semester will be ready till February/March.</p>



15.14	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses. -
15.15	Any other matter with the permission of the Chair. Expert also suggested following points, <ul style="list-style-type: none">• No Theory classes on Saturdays, as students should devote time for self-study, there hobbies and programs like personality development, extracurricular activities and GATE/TOFEL/GRE/GMAT preparation.• Department meetings, UG/PG Project seminars, PhD Progress seminars, BoS meetings are mostly scheduled on Saturdays based on availability of external experts, hence there should not be any teaching on Saturday.• Those subjects whose syllabus is lagging due to sick and other leaves of faculty should get time to conduct extra classes on Saturdays.• As discussed in 15th Academic Council Meeting dated 03/09/2016 following subject transfers are proposed by BoS Electronics & Telecommunication Engineering with some minor changes.<ol style="list-style-type: none">1. EL1201 – Network Analysis (Transferred from EL BoS to ET BoS)2. EL1217 – Control System (Transferred from EL BoS to ET BoS)3. ET1329 – Microprocessor (Transferred fro ET to EL BoS).

The meeting concluded with thanks to the Experts.

Dr M.D. Chawhan
Member Secretary,
BoS, ET

Dr. P. L. Zade
Chairman
BoS , ET

Yeshwantrao Chavan College of Engineering, Nagpur
Board of Studies in Computer Technology

Minutes of the Meeting

Meeting No. **15** Date: 29th July 2016

Meeting No. 15 of the BOS in Computer Technology was held on 29th July 2016 at 10:00 am in the Departmental Library in the department.

The meeting was attended by the following members of BOS.

External Members

SN	Name	Signature
1	Dr. Umesh Deshpande, Asso. Prof., Dept. of CSE, VNIT, Nagpur (University Nominee)	
2	Dr. Parag Deshpande, Asso. Prof., Dept. of CSE, VNIT, Nagpur (Expert from Academia)	
3	Prof. K. S. Patnaik, Asso. Prof., BITS, Mesra, Ranchi (Expert from Academia)	
4	Ajit Dharmik, Director, 6Simplex Software Solutions, Nagpur (Expert from Industry)	
5	Prof. Jigyasa Sanghavi, Asst. Prof., SRCOE, Nagpur (PG Alumina)	

Internal Members

SN	Name	Signature
1	Dr. Kavita R Singh, HoD, CT. Dept. & Chairperson BoS in CT, YCCE, Nagpur	
2	Dr. Mukesh Raghuvanshi, Secretary, BoS in CT, YCCE, Nagpur	
3	Mr. T. R. Ravi, CT. Dept, YCCE, Nagpur.	
4	Mr. A. R. Bhagat Patil, CT. Dept, YCCE, Nagpur.	
5	Mr. S. D. Kamble, CT. Dept, YCCE, Nagpur.	
6	Mr. S. J. Karale, CT. Dept, YCCE, Nagpur.	
7	Mrs. G. M. Dhopavkar, , CT. Dept, YCCE, Nagpur.	
8	Mrs. S. R. Kapse, CT. Dept, YCCE, Nagpur.	
9	Mrs. N. M. Jichkar, CT. Dept, YCCE, Nagpur.	
10	Mrs. R. D. Wajgi, CT. Dept, YCCE, Nagpur.	
11	Mrs. G. A. Chaudhary, CT. Dept, YCCE, Nagpur.	
12	Mr. N. U. Sambhe, CT. Dept, YCCE, Nagpur.	
13	Ms. R. S. Khedgaonkar, CT. Dept, YCCE, Nagpur.	

14	Ms. S. S. Thombre, CT. Dept, YCCE, Nagpur.	
15	Mrs. P. A. Deshkar, CT. Dept, YCCE, Nagpur.	
16	Mr. S. S. Badhiye, CT. Dept, YCCE, Nagpur.	
17	Mr. N. S. Mangrulkar, CT. Dept, YCCE, Nagpur.	
18	Mr. S. B. Ardhapurkar, CT. Dept, YCCE, Nagpur.	
19	Mr. L. B. Damahe, CT. Dept, YCCE, Nagpur.	
20	Mr. P. V. Barekar, CT. Dept, YCCE, Nagpur.	
21	Mr. S. S. Lachure, CT. Dept, YCCE, Nagpur.	
22	Mrs. S. A. Gode, CT. Dept, YCCE, Nagpur.	
23	Ms. R. K. Gadge, CT. Dept, YCCE, Nagpur.	
24	Ms. B. G. Pise, CT. Dept, YCCE, Nagpur.	
25	Ms. M. V. Kotpalliwar, CT. Dept, YCCE, Nagpur.	
26	Mr. U. D. Mandawkar, CT. Dept, YCCE, Nagpur.	
27	Ms. K. P. Karule, CT. Dept, YCCE, Nagpur.	

The following agenda points were deliberated in the meeting:

1.	<p>Welcome the new members. New Members were welcomed and introduced to the Board of Studies.</p> <ol style="list-style-type: none"> 1. Dr. Parag Deshpande 2. Prof. S. K. Patnaik 3. Mr. Ajit Dharmik 4. Prof. J. Sanghavi
2.	<p>To confirm the minutes of 14th Meeting of BOS. The Minutes of the 14th BOS Meeting in Computer Technology held on 12th Jan 2016 were placed on the table and were confirmed unanimously.</p>
3.	<p>To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.</p> <p>Following Courses were identified for the improvement in employability, skill development and Entrepreneurship:</p> <ul style="list-style-type: none"> CT427 PE6 Object Oriented Modeling CT 420 Data Mining CT 421 Data Mining Lab CT1320PE I. Computer Graphics
4.	<p>To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.</p> <ul style="list-style-type: none"> -TCS suggested that OOM and Software Engineering to be combined in single course and a course on Testing should be added. Open Source Lab Course should also be added. -Students suggested having course on JAVA, DAA with Practical, NNFL with Practical, and Numerical Computing without Practical. - Students suggested that there should be No Journal Writing in Practical. -Modification Proposed for the following Subjects <ol style="list-style-type: none"> 1. CSE 1902 Real Time Systems (I Semester) 2. CSE1915 Software Architecture (II Semester) 3. CSE 1919 Data Warehousing (II Semester) 4. CSE 1920 Wireless Sensor Network (II Semester) 5. CSE 1923 Computer Vision (III Semester) 6. CSE 1924 Natural Language Processing (III Semester) <p>Following Courses were identified for the improvement in employability, skill</p>

	<p>development and Entrepreneurship: CT427 PE6 Object Oriented Modeling CT 420 Data Mining CT 421 Data Mining Lab CT1320PE I: Computer Graphics</p>
5.	<p>To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board.</p> <p>There were no suggestions for change in Autonomous 2010 Scheme</p>
6.	<p>To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.</p> <p>Book “CEH Certified Ethical Hacker study Guide V6, Wiley Publication” to be added in CSE 1908 Ethical Hacking Syllabus (I Semester)</p>
7.	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board</p> <p>-Students shall write correct question number while answering a question. Zero marks will be awarded to the answers which are without question number or wrong question number.</p> <p>-If same question is solved at multiple places in the answer book, then, only the last attempted answer will be considered.</p>
8.	<p>To discuss and suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.</p>
9.	<p>To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.</p> <p>Panel for Paper Setter, Moderator and Evaluators for UG theory courses was finalized and submitted to COE in Y11 format.</p>
10.	<p>To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17.</p> <p>Panel for Paper Setter, Moderator and Evaluators for PG theory courses was finalized and submitted to COE in Y11 format.</p>
11.	<p>To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.</p> <p>Panel for External and Internal for UG and PG non theory courses was finalized and submitted to COE in Y12 format.</p>
12.	<p>To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs.</p>

13.	<p>To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc.</p> <p>-Seminar: Each M. Tech student is to be allotted around 4 to 5 UG students of V semester. Same Guide will be allotted to both UG and PG students. The topic on which PG student is doing project is given to UG student for seminar at V semester. Overall monitoring would be done by faculty, seminar guidance will be on M Tech students.</p>
14.	<p>To discuss the feedback received from students/ teachers/employers/alumni/parents regarding teaching learning process in order to review and design the syllabus</p> <p>To review and design the syllabus based on the feedback received:</p> <p>Object oriented methodology Software Engineering Design Analysis and Algorithm</p>

The meeting concluded with thanks to the Chair.


 Secretary
 (Dr. Mukesh Raghuwanshi)


 Chairperson
 (Dr. Kavita Singh)

Yeshwantrao Chavan College of Engineering, Nagpur
Board of Studies in Computer Technology

Minutes of the Meeting

Meeting No. 16 Date: 1st Feb 2017

Meeting No. 16 of the BOS in Computer Technology was held on 1st Feb 2017 at 09:00 am in the Departmental Library in the department.

The meeting was attended by the following members of BOS.

External Members

SN	Name
1	Dr. Parag Deshpande, Asso. Prof., Dept. of CSE, VNIT, Nagpur (University Nominee)
2	Dr. Umesh Deshpande, Asso. Prof., Dept. of CSE, VNIT, Nagpur (Expert from Academia)
3	Er. Ajit Dharmik, Director, 6Simplex Software Solutions, Nagpur (Expert from Industry)
4	Prof. Jigyasa Sanghavi, Asst. Prof., SRCOE, Nagpur (PG Alumina)

Internal Members

SN	Name
1	Dr. Kavita R Singh, HoD, CT. Dept. & Chairperson BoS in CT, YCCE, Nagpur
2	Mr. T. R. Ravi, CT. Dept, YCCE, Nagpur.
3	Mr. A. R. Bhagat Patil, CT. Dept, YCCE, Nagpur.
4	Mr. S. D. Kamble, CT. Dept, YCCE, Nagpur.
5	Mr. S. J. Karale, CT. Dept, YCCE, Nagpur.
6	Mrs. S. R. Kapse, CT. Dept, YCCE, Nagpur.
7	Mrs. N. M. Jichkar, CT. Dept, YCCE, Nagpur.
8	Mrs. R. D. Wajgi, CT. Dept, YCCE, Nagpur.
9	Ms. R. S. Khedgaonkar, CT. Dept, YCCE, Nagpur.
10	Ms. S. S. Thombre, CT. Dept, YCCE, Nagpur.
11	Mrs. P. A. Deshkar, CT. Dept, YCCE, Nagpur.
12	Mr. S. S. Badhiye, CT. Dept, YCCE, Nagpur.
13	Mr. N. S. Mangrulkar, CT. Dept, YCCE, Nagpur.
14	Mr. S. B. Ardhapurkar, CT. Dept, YCCE, Nagpur.
15	Mr. L. B. Damahe, CT. Dept, YCCE, Nagpur.

16	Mr. P. V. Barekar, CT. Dept, YCCE, Nagpur.
17	Mr. S. S. Lachure, CT. Dept, YCCE, Nagpur.
18	Mrs. S. A. Gode, CT. Dept, YCCE, Nagpur.
19	Ms. B. G. Pise, CT. Dept, YCCE, Nagpur.
20	Mr. U. D. Mandawkar, CT. Dept, YCCE, Nagpur.
21	Ms. K. P. Karule, CT. Dept, YCCE, Nagpur.
22	Ms. M. D. Joshi, CT. Dept, YCCE, Nagpur
23	Ms. R. K. Ambatkar, CT Dept., YCCE, Nagpur

Leave of absence was granted to the following Members

Sr. No.	Name
1	Dr. K. S. Patnaik, Asso. Prof., BITS, Mesra, Ranchi (Expert from Academia)
2	Dr. Mukesh Raghuwanshi, Secretary, BoS in CT, YCCE, Nagpur
3	Dr. M. M. Kshirsagar, CT Dept., YCCE, Nagpur
4	Mrs. G. M. Dhopavkar, CT. Dept, YCCE, Nagpur.
5	Mr. N. U. Sambhe, CT. Dept, YCCE, Nagpur.
6	Mrs. G. A. Chaudhary, CT. Dept, YCCE, Nagpur.

The following agenda points were deliberated in the meeting:

Minutes of 16th BOS Meeting

16.1	<p>To confirm the minutes of 15th Meeting of BOS.</p> <p>The Minutes of the 15th BOS Meeting in Computer Technology held on 29th July 2016 were placed on the table and were confirmed unanimously.</p>
16.2	<p>To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.</p> <p>The following changes in Autonomous 2014 Scheme CT1205 Programming Language Concepts & Constructs – Contact Hours shall be changed from 3-1-0 to 4-0-0 (Remove Tutorial).</p> <p>Following Courses were identified for the improvement in employability, skill development and Entrepreneurship:</p> <ol style="list-style-type: none"> 1. CT410 FE2: Multimedia and Animation 2. CT316 PE1: Basic of Cryptography 3. CT317 PE1: Basic of Cryptography Lab4. 4. CSE 1923 Computer Vision 5. CSE 1924 Natural Language Processing

16.3	<p>To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board.</p> <p>Modification Proposed for the following Subjects of Post Graduate</p> <ol style="list-style-type: none"> 1. CSE 1902 Real Time Systems (I Semester) 2. CSE1915 Software Architecture (II Semester) 3. CSE 1919 Data Warehousing (II Semester) 4. CSE 1920 Wireless Sensor Network (II Semester) 5. CSE 1923 Computer Vision (III Semester) 6. CSE 1924 Natural Language Processing (III Semester) <p>Comments: Modifications suggested in the above courses were discussed and course teachers were asked to incorporate changes as per the discussion and submit to the undersigned before 8th Feb 2017.</p> <p>Following Courses were identified for the improvement in employability, skill development and Entrepreneurship:</p> <ol style="list-style-type: none"> 1. CT410 FE2: Multimedia and Animation 2. CT316 PE1: Basic of Cryptography 3. CT317 PE1: Basic of Cryptography Lab4. 4. CSE 1923 Computer Vision 5. CSE 1924 Natural Language Processing
16.4	<p>To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.</p> <p>The following books are to be added for the following courses</p> <ol style="list-style-type: none"> 1. CT1205 Programming Language Concepts & Constructs Book: Programming Language Pragmatics, Third Edition, by Michael L. Scott, Morgan Kaufmann Publishers 2. CT1208 System Programming Book: The Intel Microprocessors, Barry B Brey, Pearson Publications
16.5	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.</p> <p>There should be suggested topics to be covered in practicals and in every semester practical list can be updated.</p>
16.6	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board</p> <p>No Suggestions</p>
16.7	<p>To discuss and propose the new courses received from the faculty for inclusion in the curriculum.</p> <p>Proposed Syllabus for Professional Electives new</p> <ol style="list-style-type: none"> 1. Cyber Forensics 2. Machine Learning 3. Probabilistic and Statistical Analytics

	<p>Industry aligned electives in VI semester (Pure Lab Course)</p> <ol style="list-style-type: none"> 1. Open Source Lab (with TCS) 2. MOS Lab (with Global Logic) 3. IGIS (with 6Simplex Software Solution) <p>Comments:</p> <ol style="list-style-type: none"> 1. Cyber Forensics is to be added as additional professional elective (PE IV) in VIII semester. Syllabus is to be framed in coordination with Provence Technology Pvt. Ltd., Nagpur. Department will also sign MOU with Provence Technology regarding content delivery. 2. Machine Learning is to be added as additional professional elective (PE V) in VIII semester. 3. Probabilistic and Statistical Analytics is to be added as additional professional elective (PE II) in VII semester. 4. Introduction to Geospatial Information Systems is to be added as additional professional elective (PE I) in VI semester. Syllabus is to be framed in coordination with 6Simplex Software Solution, Nagpur. Department will also sign MOU with 6Simplex Software Solution regarding content delivery. <p>Concerned faculty will submit the proposed syllabus before 11th Feb 2017.</p>
16.8	<p>To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.</p> <p>Panel for Paper Setter, Moderator and Evaluators for UG theory courses was finalized and submitted to COE in Y11 format.</p>
16.9	<p>To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.</p> <p>Panel for Paper Setter, Moderator and Evaluators for PG theory courses was finalized and submitted to COE in Y11 format.</p>
16.10	<p>To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.</p> <p>Panel for External and Internal for UG and PG non theory courses was finalized and submitted to COE in Y12 format.</p>
16.11	<p>To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs.</p> <p>The experts suggested that Electronic Question Bank is not a feasible option; it would demotivate the students from explorative study. It would also limit the content delivery by faculties.</p> <p>Industry Expert called this e-question bank as a rote Learning. The BOS Members strongly opposed this.</p>
16.12	<p>To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.</p>

	The BOS Members recommended practical Evaluation can be changed from 40:60 to 80:20.
16.13	<p>To discuss and suggest renaming of UG Programme.</p> <p>As discussed in BOS Meeting it was suggested to explore the possibilities at the institute level to rename the Computer Technology Programme by the name Computer Science and Engineering Programme.</p>
16.14	<p>To discuss the feedback received from students/ teachers/employers/alumni/parents regarding teaching learning process in order to review and design the syllabus</p> <p>To review and design the syllabus based on the feedback received:</p> <ol style="list-style-type: none"> 1. CSE 1902 Real Time Systems 2. CSE1915 Software Architecture 3. CSE 1919 Data Warehousing 4. CSE 1920 Wireless Sensor Network 5. CSE 1923 Computer Vision 6. CSE 1924 Natural Language Processing

The meeting concluded with thanks to the Chair.


 Secretary
 (Dr. Mukesh Raghuwanshi)


 Chairperson
 (Dr. Kavita Singh)

Yeshwantrao Chavan College of Engineering

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Department of Information Technology

15th Meeting of **Board of Studies (BoS)** in Information Technology was held on **2/2/2016** (Saturday) at 10:30 am.

Agenda:

1. Confirmation of the minutes of CDW held on 19th December 2015.
2. To discuss and recommend the change in the scheme of Examination of UG Courses.
3. To discuss and recommend the syllabus of the some new courses to be offered.
4. To propose a panel of examiner (YA-11 & 12) for End Semester Examinations of all UG and PG courses for Even Term 2015.
5. To discuss the feedback received from students /teachers/ employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.
6. Any other matter with the permission of the Chair.

Following BoS Members were present:

Sr. No	Name	Designation
1	Dr. S. R. Sathe	Professor, VNIT, Nagpur
2	Dr. Anjali Mahajan	Professor, Govt. Poly. Nagpur
3	Mr. Avinash Moharil	CEO Trust System Pvt. Ltd. Nagpur
4	Mr. Abhishek Nachankar	Asst. Prof. RCOEM, Nagpur (Alumni Member)
5	Dr. U. H. Gawande	Chairperson, BoS & Head IT
6	Mr. S. W. Shende	Member Secretary

7	Dr. K. K. Bhoyar	Professor,
8	Mr. R. C. Dharmik	Asst. Prof.
9	Ms. Nisha R. Wankhade	Asst. Prof.
10	Mr. Sachin Jain	Asst. Prof.
11	Mr. Manish Hadap	Asst. Prof.
12	Mr. M. S. Deshkar	Asst. Prof.
13	Mr. Bhushan Bawankar	Asst. Prof.
14	Mr. A. D. Gaikwad	Asst. Prof.
15	Ms. P. G. Jaiswal	Asst. Prof.
16	Mr. Yogesh Golhar	Asst. Prof.
17	Mr. G. K. Yenurkar	Asst. Prof.
18	Mr. S. S. Chavhan	Asst. Prof.
19	Mr. R. S. Bhanuse	Asst. Prof.
20	Mr. K. O. Hajari	Asst. Prof.

Leave of Absence is granted to the following

1	Mrs. Rupa A. Fadanvis	Asst. Prof.
2	Mrs. Swati G. Kale	Asst. Prof.
3	Mr. P. R. Hatwar	Asst. Prof.
4	Mr. M. U. Khante	Asst. Prof.
5	Mr. P. Tambekar	Asst. Prof.

Following decisions/suggestions are approved in the BoS Meeting:

1		The minutes of the 5 th Meeting of CDW in Information Technology held on 19/12/2015, were placed on the table and were confirmed unanimously.
2	SOE-UG	The Scheme of Examination 2014 of Undergraduate Program is reviewed and approved.
3	YA-11 & 12	Panel of examiner (YA-11 & 12) for End Semester Examinations of all UG and PG courses for Even Term 2015-16 is reviewed and approved.
3	UG 5 Sem.	In view of employability, skill development and Entrepreneurship include and give more weightage on the following topics : IT305: Software Engineering: Add following topics : Conceptual Models of the UML, UML and Design Patterns, Applying the UML, UML Diagrams for Payroll processing systems
4	UG 6 Sem.	OK
5	UG 7 Sem.	OK
6	UG 8 Sem.	OK
7	PG 1 Sem.	Digital Signal Processing is added as Elective-1
8	PG 2 Sem.	OK
9	PG 3 Sem.	Machine Learning is added as Elective 4.
10	UG / PG	Feedback received from students /teachers/ employers/alumni/parents: Include Machine Learning, Artificial Intelligence course in PG Level.

The meeting concluded with thanks to the Chair.

Sr. NO	Name of Member	Designation	Signature
1	Dr. S. R. Sathe	Professor, VNIT Nagpur	S. Sathe 21/1/16
2	Dr. Anjali Mahajan	Professor, Govt. Poly. Nagpur	AM
3	Mr. Avinash Moharil	CEO TechinSystem Pvt. Ltd. Nagpur	avinash
4	Mr. Abhishek Nachanakar	Asst. Prof. RCOEM Nagpur	Abhishek 02/01/16



Dr. U. H. Gawande

Chairperson

BoS in Information Technology



Nagar YuwakShikshanSanstha's

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Department of Information Technology

Board of Studies in Information Technology

BOS Meeting-16

Date: 2nd January 2016

The following Internal Members have attended the 16th meeting of Board of Studies in Information Technology on 2nd January 2016 at 10:30 am.

Sr. No.	Name	Signature
1	Dr. U. H. Gawande, Chairperson	
2	Mr. S. W. Shende, Member Secretary	
3	Dr. K. K. Bhoyar	
4	Dr. M. M. Raghuwanshi	
5	Mr. R. C. Dharmik,	
6	Mrs. Rupa A. Fadanvis	ON LEAVE
7	Mrs. Swati V. Wakhare	ON LEAVE.
8	Ms. Nisha R. Wankhede	
9	Mr. Manish Hadap	
10	Mr. Sachin Jain	
11	Mr. Bhushan Bawankar	
12	Mr. A. D. Gaikwad	
13	Ms. P. Jaiswal	
14	Mr. S. S. Chavhan	
15	Mr. G. K. Yenurkar	

Dr. U. H. Gawande
Chairperson
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17th Meeting of **Board of Studies (BoS)** in Information Technology was held on **30/07/2016** (Saturday) at 10:00 am.

The agenda for the meeting was as follows:

1. Welcome of new members
2. Confirmation of minutes of previous Meeting.
3. To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs.
4. To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs (Comment: Remarks given by the faculty in course completion reports of previous terms will be considered)
5. To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board. (Comment: The scheme is applicable only to 7th and 8th Semester BE in AY 2016-17)
6. To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.
7. To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs
8. To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.
9. To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17.
 - a. (Comment: Question papers of all the courses of PG programs will be set and evaluated by the course instructor from Odd Term 2016-17. The grades of the students will also be decided by the Course Instructors.)
10. To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.



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11. To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs.
12. To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc.
13. To discuss the feedback received from students /teachers/ employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.
14. Any other matter with the permission of the Chair.

Following BoS Members were present:

Sr. No.	Name
1	Dr. U. H. Gawande, Chairperson,
2	Dr. U. A. Deshpande , CSE VNIT Nagpur
3	Mr. Shekhar Patankar, Persistent Systems Pvt. Ltd. Nagpur
4	Dr. U. V. Kulkarni , SGGs Nanded
5	Mr. Abhishek Nachankar, Member PG Alumni
6	Mr. S. W. Shende, Member Secretary
7	Dr. K. K. Bhoyar
8	Mr. R. C. Dharmik
9	Mrs. Rupa A. Fadanvis
10	Ms. Nisha R. Wankhade
11	Mrs. Swati G. Kale
12	Mr. Sachin Jain
13	Mr. Manish Hadap
14	Mr. A. D. Gaikwad
15	Ms. P. G. Jaiswal
16	Mr. G. K. Yenurkar
17	Mr. S. S. Chavhan



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18	Mr. R. S. Bhanuse
19	Mr. P. R. Hatwar
20	Mr. K. O. Hajari
21	Mr. P. Tambekar
22	Ms. Apurva Naik
23	Mrs. Kiran Gavhale

Leave of Absence is granted to the following:

1	Dr. Anjali Mahajan, Govt. Ploy. Nagpur
2	Mr. Bhushan Bawankar

Following decisions/suggestions are approved in the BoS Meeting:

1	Welcome of new members	Following Expert members were introduced and welcome by Chairperson: 1. Dr. U. A. Deshpande , CSE VNIT Nagpur 2. Dr. U. V. Kulkarni , SGGS Nanded 3. Mr. Shekhar Patankar, Persistent Systems Pvt. Ltd. Nagpur Following Internal members were introduced and welcome by Chairperson: 1. Ms. Apurva Naik 2. Mrs. Kiran Gavhale
2	Confirmation of minutes of previous Meeting.	The minutes of the 16 th Meeting of BoS in Information Technology held on 02/02/2016 , were placed on the table and were confirmed unanimously.
3	SOE & Syllabus -UG (2014) (In view of employability, skill development and Entrepreneurship following modifications were suggested)	III Sem.: 1. IT1201 Introduction to Information Technology: Needs to be removed from the curriculum as the contents were covered in separate courses in details. 2. IT1206 Microprocessor Based System Design : Needs to be shifted to 4 th or 5 th Sem. ARM based architecture needs to be included in the syllabus. Remove Intel



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Architecture. MBSD of 3rd sem and CAO of 4th sem can be exchanged

3. IT1204 Algorithms & Data Structures:

Split this course in two parts (ADS 1 & ADS 2) give more weightage to programming fundamentals.

IV Sem. :

1. **IT1208 Computer Architecture & Organization:** Shift to 3rd Sem.
2. **IT1202 Object Oriented Programming:** Needs to shifted to higher semester. (5th / 6th Sem)
3. **IT1209 Theory of Computation :** Needs to shifted to higher semester.(5th / 6th Sem)
4. **IT1210 Lab: Computer Workshop:** Needs to shifted to 3rd semester. Contents needs to be changed, concepts of hardware, Raspberry-Pi and scripting language like PYTHON needs to be added. Remove OS, DBMS and CN related practical's from the list.

V Sem :

1. **GE1312 Fundamentals of Economics:** May be considered to be as Audit course in order to make space for some core courses in IT.
2. **IT1304 Lab: Operating Systems:** Practical's based on concurrency, deadlock, pipes and shared memory needs to be added.
3. **IT1317 Lab: Data Base Management Systems:** Online web based database creation and retrieval needs to be added. Use Postgre sql (for designing complete system) for the practical's.
4. **Add lab courses to all the PE-1 courses.**



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5. **IT1309 Embedded System** : Book by M.R. Bhujade need to be added.
6. **IT1328 Data Analysis & Statistics**: Use R language for solving problem in data analysis.
7. **IT1322 Web Technology**: Add more open source scripting language , Angular Mean JS, Javascript. ASP.net.

VI SEM.

1. **IT1328 Computer Networks**: Syllabus needs to be modified according to Behrouz A. Forouzan Book titled "Computer Networks". Remove the physical layer and include more the algorithm part.
2. **IT1330 Business Intelligence**: Shift to 7th or 8th Sem. And convert as professional elective.
3. **IT1311 Artificial Intelligence**: Shift to 7th Sem. And modify syllabus according to book, "Artificial Intelligence A modern approach" by Russell & Norving
4. **IT1318 Design & Analysis of Algorithms**: Refer the book "Algorithm Design "by Tardos & Kleinberg for teaching.
5. **IT1334 Internet of Things**: Needs to be considered as Industry Aligned Elective. & can be offered by TCS

VII SEM.:

1. **IT1404 Lab: Principle of Compiler Design**: Add the practical's based on LEX and YAAC and their connectivity.
2. **IT1417 TCP/IP**: Change it to Network Programming. Divide the contents of Behrouz A. Forouzan Book titled "Computer Networks" into two parts.
 - i. Basics of Network
 - ii. Network Programming



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3. **IT1427 Data Mining:** Convert to professional elective.
4. **IT1429 Advanced Computer Architecture:** Add the reference book "Computer Architecture: A Quantitative Approach" by Patterson.
5. **IT1430 E-Commerce:** Add security related issues. Remove EDI related content.
6. **IT1409 Seminar/Industrial Visit /CRT:** Change the Scheme from 0-0-2 to 0-0-6 to match the credit =3
7. **IT1410 Project Phase-I (Analysis & Design)** Change the Scheme from 0-0-4 to 0-0-8 to match the credit =4

VIII SEM. :

1. **IT1405 Pattern Recognition:** Restructure syllabus according to book "Pattern Recognition", by Duda and Hart.
2. **IT1423 Human Computer Interaction:** Convert to the core course with lab, and refer Apple guide book for the contents.
3. **In Neural Network and Fuzzy Logic:** Shift the Book of Ross from reference to text.

UG Common Comments:

1. Seminar may be delivered on any technical / non-technical topics. (Need not be related to project topics)
2. To conduct the programming courses in the vacation slots.
3. Online course credits may be counted. (Coursera)
4. IOT can be given as an choice with BI as an Industry aligned subject, which would be conducted by Industry person
5. Credits should be standardize
6. Project Evaluator should be from Companies as well



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4	SOE-Syllabus PG(2014)	<p>Sem. I:</p> <ol style="list-style-type: none"> 1. Add Extra Lab on Programming Logic Practices for 8 Hrs. 2. Information security syllabus to be taken from Dr. U.V.Kulkarni 3. Emphasis should be given to basics instead of advance concepts for all the courses. 4. IT1 905 Soft Computing: Needs to be shifted as PE. Syllabus is to be taken from Dr. U.V.Kulkarni <p>General PG Comments: Offer the courses 4 - 4 -2 in I, II, & III Sem. respectively.</p>
5	SOE & Syllabus UG(2010)	OK , No change.
6	YA-11 & 12 (UG & PG)	Discuss and approved. (Annexure - I)
7	Academic Regulation.	Existing Credit scheme was discussed and approved
8	E-Question Bank.	Course Teacher and Panel is decided for the 3,5, 7 Sem. UG courses. (Annexure-II)
9	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations	<ol style="list-style-type: none"> 1. GATE Question paper set needs to be compiled and refer it for the preparation of question papers (MSEs & ESEs). 2. No need to have internal choices while setting the question papers for MSE and ESE. 3. All questions need to be compulsory as we judging the students based on relative credits. 4. No need to prepare E-Question bank, as there is a need to have some limits on the automation process.
10	To discuss the feedback received from students /teachers/ employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.	<p>Internship to be provided to the final year students.</p> <p>Prepare the students for GATE examination.</p> <p>Give more attention on programming skills.</p>



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The meeting concluded with thanks to the Chair.

Sr. NO	Name of Expert Member	Designation	Signature
1	Dr. U.A. Deshpande	Professor & Head , CSE, VNIT Nagpur	
2	Dr. U. V. Kulkarni	Professor, SGGS Institute of Engineering and Technology, Nanded.	
3	Dr. Anjali Mahajan	Professor, Govt. Poly. Nagpur	—
4	Mr. Shekhar Patankar	Persistent Systems Pvt. Ltd., Nagpur	
5	Mr. Abhishek Nachankar	Asst. Prof. RCOEM, Nagpur (Alumni Member)	

Dr. U. H. Gawande

Chairperson

BoS in **Information Technology**



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Department of Information Technology

Board of Studies in Information Technology

BOS Meeting-17

Date: 30th July 2016

The following Internal Members have attended the 17th meeting of Board of Studies in Information Technology on 30th July 2016 at 10:00 am.

Sr. No.	Name	Signature
1	Dr. U. H. Gawande, Chairperson	
2	Mr. S. W. Shende, Member Secretary	
3	Dr. K. K. Bhoyar	
4	Dr. M. M. Raghuwanshi	
5	Mr. R. C. Dharmik,	
6	Mrs. Rupa A. Fadanvis	
7	Mrs. Swati V. Wakhare	
8	Ms. Nisha R. Wankhede	
9	Mr. Manish Hadap	
10	Mr. Sachin Jain	
11	Mr. Bhushan Bawankar	ON LEAVE
12	Mr. A. D. Gaikwad	
13	Ms. P. Jaiswal	
14	Mr. S. S. Chavhan	
15	Mr. G. K. Yenurkar	

Dr. U. H. Gawande
Chairperson
BoS in Information Technology



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Board of General engineering

Agenda: 13th Board of Studies Meeting

Saturday, 30th July 2016, Time :11.30 a.m.

Item No. 13.01

Welcome of new members.

Item No. 13.02

Installation of member Secretary (If there is a change from previous meeting)

Item No. 13.03

Confirmation of minutes of previous Meeting.

Item No. 13.04

To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.

Item No. 13.05

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 . Schemes of Undergraduate and Post graduate programs conducted under the Board.

Item No.13.06

To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the board applicable only to 7th and 8th semester BE in AY 2016-17.

Item No. 13.07

To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.

Item No. 13.08

To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

Item No. 13.09

To discuss and suggest the modalities for compilation of report and its evaluation for interdisciplinary projects.

Item No. 13.10

To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Odd Term 2016-17.

Item No. 13.11

To prepare and propose the list of question paper setters and evaluators for all the Postgraduate courses under the Board that will be examined in End Semester Examination of Odd Term 2016-17.

Item No.13.12

To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Odd Term 2016-17.

Item No. 13.13

To discuss and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Third to Eighth Semester BE of Undergraduate Programs. As already decided, the work of Third Semester BE courses will be done in Odd Term of 2017

Item No. 13.14

To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process like examination paper pattern, use of question banks etc. for theory courses, conduct of examinations for non-theory courses, seminars, Industrial case study, Project (including mini), etc.

Item No. 13.15

To discuss feedback on Teaching Learning Process from students, it's process, method, inferences from its analysis, etc. and propose the changes, if any.

Item No. 13.16

To discuss completion feedback from faculties to be submitted to head-department of Applied Physics, Applied Chemistry and Applied Mathematics and Humanities.

Item No. 13.17

Any other matter with the permission of the Chair.



Dr. Mrs. S.A. Fadnavis
Chairman, BoS in GE



Dr. Mrs. H.V. Ganvir
Secretary, BoS in GE



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Board of Studies in General Engineering


Minutes of the Meeting No.13


Date: 01/08/2016

The 13th meeting of BoS in GE was conducted on Saturday , 30/7/2016 , in room No SC - 203 at 11.30 a m. Dr.Ghulhule has been granted leave of absence.

Item no	Details
13.01	The meeting begin with the welcome of new BOS members . The new members are: 1.Dr.Vivek Nanoti , Principal, PIET, Nagpur Expert Academician 2 Dr.(Mrs.)A.P.Sargaonkar, Principal Scientist, NEERI, Expert Academician 3. Mr.Unmesh Oke , Director, Unique Automation Pvt.Ltd Expert from Industry 4. Prof. Sayali Bhangе Faculty from Chemistry deptt 5. Prof. Preeti Kasliwal faculty from Humanities deptt.
13.02	Member secretary is same (No change)
13.03	Minutes of previous meeting were confirmed .The new elective proposed by Physics and Chemistry department have been modified as per credit 3.
13.04	Dr.M.P.Gandhi and Prof.Labde suggested that the syllabus of M1 & M3 subjects can not be completed within (03TH +01TU). The faculty members are facing severe difficulty of course completion. The experts Prof. Khadekar suggested to reduce the syllabi of said courses to which faculty argued that it will be too diluted. So faculty suggested that M1 and M3 subjects should be (04 TH + 01TU) . Dr.Fadnavis and Dr Band suggested that in Physics the numerical content is too large . Moreover a verity of numerical can be asked on each point of syllabus . Students fill it difficult to understand the problems in class. Hence 4 theory and 1 tutorial must be given . Dr.Nanoti and Dr.Khadekar insisted that it is as per NBA requirement. Dr.Miskin and Dr Limaye also suggested that the subject Chemistry should also be (4 th +1Tu). The average result of Physics and Chemistry is poor.

13.05	For course NSPDE of Maths the changes in syllabus suggested by HOD, Mathematics.
13.06	No changes in the syllabi of various courses in Autonomous 2010 Schemes of Undergraduate programs conducted under the Board applicable only to 7 th and 8 th Semester BE in AY 2016-17.
13.07	No changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.
13.08	No changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.
13.09	No change.
13.10	The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs have been suggested by respective HODs.
13.11	No change
13.12	Proposed the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels by HODs.
13.13	The electronic question bank is ready for I year courses and third semester onward teachers were asked to prepare electronic question bank.
13.14	The suggestion from all faculty is to hide the name of valuer while showing ESE answer sheet to the students.
13.15	Preparation of MCQs for various subjects of first year is in progress. Faculty have suggested that Co-Po should be printed in the Fresher's handbook to make students aware of it.
13.16	Course Completion feedback from faculties are submitted to head-departments of Applied Physics, Applied Chemistry and Applied Mathematics and Humanities.
13.17	Communication Skill development activities should be organized by course teachers. The meeting ended with vote of thanks to the chair .


 Dr. Mrs. S.A. Fadnavis
 Chairman, BoS in GE


 Dr. Mrs. H.V. Ganvir
 Secretary, BoS in GE

List of BOS Members in General Engineering (Odd Term 2016-17)

Following members have attended the meeting on 30/07/2016 .

Sr. No	Name	Mobile No	E-mail	Signature
1	Dr.S.A.Fadanvis Chairman	9890181989	safadnavis@gmail.com	
2	Dr..H.V. Ganvir Member Secretary	9011099089	hrwasnik@gmail.com	
3	Dr. G.S.Khadekar Professor, RTMNU, Nagpur VC nominee	901123123 9011323123	gkhadekar@yahoo.com	
4	Dr.Vivek Nanoti . Principal, PIET, Nagpur Expert Academician	9822233286	viveknanoti@gmail.com	
5	Dr. (Mrs.)A.P. Sargaonkar, Principal Scientist, NEERI, Nagpur Expert Academician	9326733667	ap_sargaonkar@neeri.res.in	 30/7/16
6	Mr.Unmesh Oke Director. Unique Automation Pvt.Ltd. Nagpur Expert from Industry	9422146093	unmeshoke@yahoo.co.in	
Mathematics				
7	Dr.(Mrs.)M.P.Gandhi	9421780188	manjusha_g2@rediffmail.com	
8	Dr. K.L.Sarda	9764996482	kamalkishorsarda@yahoo.com	
9	Prof.G.R.Labde	8007902910	girish.labde@gmail.com	
10	Dr. V.G.Miskin	9730776565	vgmiskin@rediffmail.com	
11	Prof.(Mrs.)M.S.Dani	9373914656	danimamta@gmail.com	
12	Prof. A.M.Kulkarni	9270049979	kulkarniabhay51@yahoo.com	
13	Dr. P.B.Bahatkar	9764996482	pbahatkar@yahoo.com	
14	Dr.Malavika Adak	8793435532	malabikaadak@yahoo.co.in	
15	Mr.Asfar Siddiqui	9372256901	asfar1811@gmail.com	
16	Mr D.P.Bawane	9423673952	dnyanesh02@gmail.com	 30/07/16
17	Mrs.Jaya Bikram	8087693695	jayabikram@gmail.com	
18	Mr.M.N.Dandale	9665167228	milinddandale@gmail.com	 30/7/16
19	Mr.A.J.Meshram	9766462758	akj.meshram@gmail.com	
20	Mr.N.A.Bhosale	9545865251	nabhosale16@gmail.com	
Humanities				
21	Mrs.M.R.Kale	7875368199	m_mini83@yahoo.co.in	
22	Prof.Arvider Kour Mehta	9158886500	arvinderkour@gmail.com	
23	Vishakha Bhandarkar	9765620401	vishakhabhandarkar@gmail.com	
24	Mr.A.D.Gedam	9960960273	akash_dgedam@rediffmail.com	
25	Dr. Preeti Kasliwal	9764675279	kasliwal_preeti@yahoo.com	
26	Mr.P.K.Domle	9922411167	praveen.domle@gmail.com	
Physics				
27	Dr.S.A.Band	8275397068	band_sa@yahoo.com	
28	Dr.J.R.Ghulghule	9850379975	jayant.ghulghule@rediffmail.com	 AB
29	Mrs. S.S. Kolte	9423632985	Sulbhask60@gmail.com	
30	Ms. Pratima Pali	9921858466	pratimakpali@gmail.com	
Chemistry				

Sr. No	Name	Mobile No	E-mail	Signature
1	Dr.S.A.Fadanvis BoS Chairman	9890181989	safadnavis@gmail.com	
2	Dr..H.V. Ganvir Member Secretary	9011099089	hrwasnik@gmail.com	
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Yeshwantrao Chavan College of Engineering
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Board of General engineering

Agenda: 14th Board of Studies Meeting

Saturday, 4th February 2017, Time :10.30 a.m.

Item No. 14.01: Welcome of new members

Item No. 14.02: Installation of member Secretary

Item No. 14.03: Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.

Item No. 14.04: To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board

Item No. 14.05: To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs conducted under the Board (**Consider the remarks given by the faculty in course completion reports of previous terms**)

Item No.14.06 : To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and postgraduate Programs.

Item No. 14.07 : To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs.

Item No. 14.08 : To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

Item No. 14.09 : To discuss and propose the new courses received from the faculty for inclusion in the curriculum.

Item No. 14.10: To prepare and propose the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs that will be examined in End Semester Examination of Even Term 2016-17.

Item No. 14.11: To prepare and propose the list of question paper setters and evaluators for all courses under the Board that will be examined in End Semester Examination of Even Term 2016-17.

Item No. 14.12: To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG and PG levels that will be examined in End Semester Examination Even Term 2016-17.

Item No. 14.13 : To review the preparation of and finalize Electronic Question Banks for all courses of Undergraduate Programs. (**The solutions to all questions of EQB of I year has to be taken up. Pl assign the work to a group of faculty. The work is expected to be over in June 2017**)

Item No. 14.14 : To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.

Item No. 14.15: To discuss feedback on Teaching Learning Process from students, it's process, method, inferences from its analysis, etc. and propose the changes, if any.

Item No. 14.16: To discuss completion feedback from faculties to be submitted to head-department of Applied Physics, Applied Chemistry and Applied Mathematics and Humanities.

Item No. 14.15: Any other matter with the permission of the Chair.



Dr. Mrs. S.A. Fadnavis
Chairman, BoS in GE



Dr. Mrs. H.V. Ganvir
Secretary, BoS in GE

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Board of Studies in General Engineering

Minutes of 14th BoS meeting in GE


06/02/2017


The 14th BOS meeting of General Engineering board was held on Saturday, 04th Feb 2017 in Science building, room no - Sc 203 at 10.30 am. The list of the board members those were present is attached herewith. The leave of absence have been granted to Dr.Ghulghule, Dr.Bhake, Dr.Band, Dr.Sarda, Dr.Patil, Dr.Kosankar, Dr.Bahatkar, Siddiki, Bawane, Bhonsale, Ms.Kale

Following agenda points were deliberated in the meeting.

Item no	Details
14.01	The meeting begin with the welcome of new BoS member Ms.Priyanka Raut from Physics department.
14.02	Member secretary is same (No change)
14.03	Minutes of previous meeting were confirmed except the tutorials to Physics and Chemistry. The new elective proposed by Physics and Maths department have been implemented from odd / even term 2016. The elective proposed by Chemistry will be implemented from odd term 2017.
14.04	No change in the Scheme of Examination (Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.
14.05	Dept of Maths have suggested reshuffling of units in the syllabus of M-3 in Autonomous 2014 Scheme.
14.06	Soc.Science and Maths teachers have suggested addition in the books/ Reference Books/ Literature Sources published in the syllabi of courses. Dr.Nanoti and Dr.Sargaonkar suggested that e-books should be incorporated in the list of reference books of various courses.
14.07	One new experiment is added and approved in the list of experiments, by Physics Department and from odd 2017 term it will be conducted as a regular experiment.
14.08	No changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.
14.09	No new courses are proposed by the faculty for inclusion in the curriculum.

14.10	The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs have been suggested by respective HODs.
14.11	Respective HODs have proposed the list of question paper setters and evaluators under the Board that will be examined in End Semester Examination of Even Term 2016-17. Dr.M.P.Gandhi have suggested that though the papers are set , evaluated and the grades are given by the course instructor from Odd Term 2016-17 minimum 2 sets must be given by the course teacher.
14.12	Respective HODs have proposed the panel of internal and external examiners for the various laboratory and other non-theory courses at UG levels that will be examined in End Semester Examination Even Term 2016-17.
14.13	Respective HODs have proposed some addition/deletion in the question bank of all first year courses. The question bank preparation for III and IV semester is in progress and will be validated up to May 2017. All BoS members unanimously suggested that for each ESE/Re-sit and MSE I & II examination the expected solution set are prepared and submitted hence it is not necessary to prepare the separate answer bank. Library can provide the scanned copy of solutions to the students .
14.14	No change in the existing Evaluation Process for theory and Practical courses. Dr.J.V.Miskin, Dr.S.A.Fadnavis suggested that there should be the external evaluation in practical courses otherwise ill practices of donating marks/ victimization of students may develop.
14.15	Course Completion feedback from faculties are submitted to head-departments of Applied Physics, Applied Chemistry and Applied Mathematics and Humanities.
14.16	Communication Skill development activities like Debate competition, essay Competition to be organized.
14.17	The meeting ended with vote of thanks to the chair.


Dr.Mrs.S.A.Fadnavis
Chairman, BoS in GE


Dr.Mrs.H.V.Ganvir
Secretary , BoS in GE

Following members have attended the meeting on 04/02/2017

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