



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

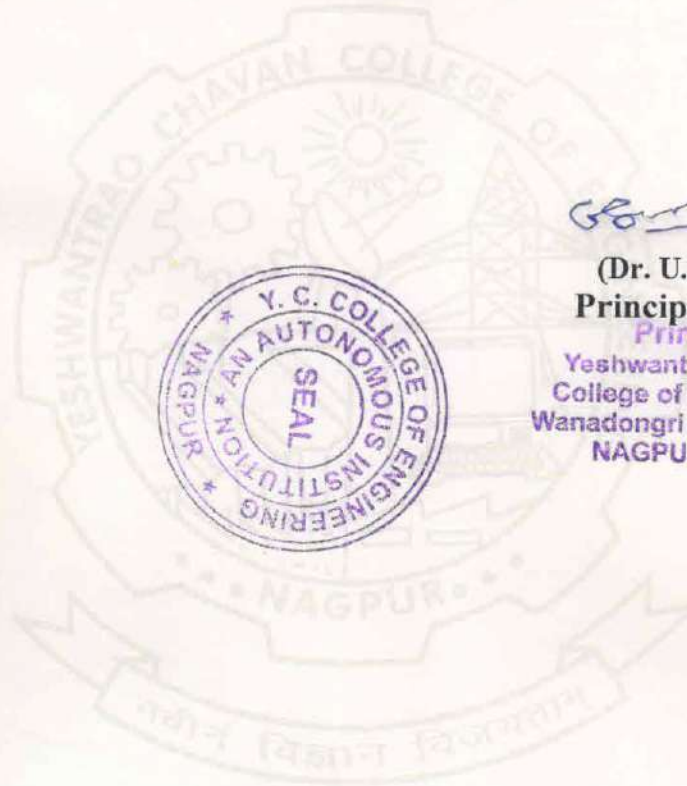
Website : www.ycce.edu E-mail : principal@ycce.edu

2017-18

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 17th meeting of Academic Council held on 26 August 2017

The **Seventeenth meeting** of Academic Council was held on **26th August 2017** at 10.30 am in the Board Room of YCCE, Nagpur. The following members attended the 17th meeting of the Academic Council.

1	Dr. U.P. Waghe, Principal & Chairman, AC	13	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)	14	Dr. Ms. Ujwala Gawande, HoD, Information Tech.
3	Dr. V.H. Tatwawadi, Principal, DBA CoER, Nagpur (VC's Nominee)	15	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics
4	Dr. G.H. Agrawal, KDK College of Engg, Nagpur (VC's Nominee)	16	Dr. Mrs. S.A. Fadnavis, HoD, Physics
5	Dr. N.C. Shivprakash, I,I,Sc., Bangalore	17	Dr. P.K. Dakhole, Registrar
6	Mr. Sunil C. Panchbhai, LG Electronics, Pune	18	Dr. P.T. Karule, COE
7	Mr. Chandrashekar Joshi, Fujitsu Consulting India, Pune	19	Prof. Arvind Bhagatpatil, Dean (P & D)
8	Dr. Shantanu R. Khandeshwar, HoD, Civil Engg.	20	Dr. K.K. Bhojar, Professor, Information Tech, YCCE
9	Dr. Sharad S. Chaudhary, HoD, Mechanical Engg.	21	Dr. A.V. Patil, Professor, Civil Engg., YCCE
10	Dr. Ravindra Moharil, HoD, Electrical Engg.	22	Prof. Aniket P. Munshi, Electrical Engg., YCCE
11	Dr. Atish Khobragade, HoD Electronics Engg	23	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary
12	Dr. P.L. Zade, HoD, Electronics & Tele Engg		

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 17.1 Welcome of new members

The Chairman of the Academic Council, Dr. U.P. Waghe welcomed the members of the Academic Council with floral bouquet.

Item 17.2 To confirm the Minutes of 16th Meeting of the Academic Council and consider the action taken report.

The AC unanimously approved the minutes of Sixteenth meeting of Academic Council held on 25th Feb. 2017 and Action Taken Report thereof.

Item 17.3 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	Semester	Course Code & Name
Civil Engineering	UG-3	CV1203: Geotechnical Engineering-I
	UG-5	CV1307: Structural Analysis-I
	UG-6	CV1333: Geotechnical Engineering-II
	UG-5	CV1302: Lab. Surveying-II
	UG-7	CV1442: Lab. Computer Application in Civil Engineering
	UG-8	CV1424: Comprehensive Viva Voce
Electrical Engineering	PG-3	EL1938-PE-4: Power Electronics for Renewable Energy Systems >20
	UG	EL1204: Lab. Electrical Machine-I
		EL1208: Lab. Electrical Machine-II
	EL1404: Lab. Computer Applications in Electrical Engineering	
Electronics	UG	EE1202- Lab Electronics Devices
		EL1202: Lab. Network Analysis
		EL1201: Network Analysis



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Engineering	PG-3	EE1987: VLSI for Wireless Communication
Electronics & Telecommunication Engineering	UG-8	ET1419- Power Electronics
	UG-3	EI1201: Network Analysis
Computer Technology	UG	Ct1203: Data Structure
Information Technology	UG-8	IT1419: Software Testing IT1403: Principles of Compiler Design IT1423:PE-4: Human Computer Interaction
	UG-1 & 2	IT1101: Introduction to Computer Programming
	UG-3	IT1201: Introduction to Information Technology
	UG-4	IT1208: Computer Architecture and Organization

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

BoS	Semester	Course Code & Name
Civil Engineering	UG-3	GE 1202: Engineering Geology
Electrical Engineering	UG-7	EL1431: PE 2: Advance Control System
	PG-1	EL1901: Advance Power Electronics
Electronics & Telecommunication Engineering	UG-3	EI1201: Network Analysis
Computer Technology	UG	Ct1203: Data Structure



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Information Technology	UG-3	IT1207: Lab. Microprocessor Based System Design IT1205: Lab. Algorithms & Data Structures
	UG-4	IT1210: Lab. Computer Workshop IT1203: Lab. Object Oriented Programming
	UG-5	IT1304: Lab. Operating Systems IT1306: Lab. Software Engineering IT1317: Lab. Data Base Management Systems
	UG-6	IT1339: Lab. Computer Networks IT1331: Lab. Business Intelligence IT1332: Lab. Design & Analysis of Algorithms
	UG-7	IT1404: Lab. Principle of Compiler Design IT1418: Lab. Network Programming
	UG-8	IT1428: Lab. Data Mining IT1431: Lab. Network Security IT1433: Lab. Cloud Computing IT1438: Lab. Human Computer Interaction IT1435: Lab. Software Quality Assurance IT1437: Lab. Pattern Recognition IT1439: Lab. Coding Standard and Technical Documentation IT1440: Lab. Distributed System

Part B: Proposed New Courses:

- The BoS in General Engineering has proposed the following new courses.

Proposed Syllabus for Open Electives-II (Sixth Sem BE)

1. GE1316: Probability Theory and Statistical Inference

Audit Courses:

1. GE1122: Functional English-1
2. GE1221: Functional English-2
3. GE1123: Functional English-5
4. GE1321: Remedial Grammar



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- The BoS in Civil Engineering has proposed the CV1456: PE-5 Advance Geotechnical Engineering of 8th Semester will be introducing first time in the next session. The course contents of present subject need to be changed consequently, the subject title will also be changed. The new course will be CV1456- PE-5: Advanced Foundation Engineering.
- The BoS in Information Technology has proposed the following **new audit course for 5th Semester BE.**
 1. IT1121: Industrial Programming Language

Part C: Reorganization of the Scheme of Examination:

After implementing One Term internship for BE Information Technology, it was necessary to reorganized Scheme of Examination for 7 & 8 semester Information Technology to avoid teaching of few theory courses during summer. The BoS of information Technology has proposed the reorganization of the Scheme of Examination for Final Year as under.

Department of Information Technology SCHEME OF EXAMINATION UG 2014 - Modified (2017-18)

Sr. No.	Course Code	Course Title	CONTACT HOURS				Credits	% Weightage				ESE Duration Hrs.
			L	T	P	Total Contact Hours		MSE - I	MSE - II	TA	ESE	
SEMESTER VII Group "A"												
1	IT1403	Principle of Compiler Design	3	1	0	4	4	15	15	10	60	3 Hrs
2	IT1404	Lab: Principle of Compiler Design	0	0	2	2	1			40	60	
3	IT1417	Network Programming	4	0	0	4	4	15	15	10	60	3 Hrs
4	IT1418	Lab: Network Programming	0	0	2	2	1			40	60	
5	IT1427	Data Mining	4	0	0	4	4	15	15	10	60	3 Hrs
6	IT1428	Lab: Data Mining	0	0	2	2	1			40	60	
7	IT1422	Network Security	3	0	0	3	3	15	15	10	60	3 Hrs



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8	Professional Elective 3		3	0	0	3	3	15	15	10	60	3 Hrs
	IT1407	PE3: Real Time Systems										
	IT1423	PE3: Human Computer Interaction										
	IT1429	PE3: Advanced Computer Architecture										
	IT1430	PE3: E-Commerce										
	IT1432	PE3: Cloud Computing										
IT1436	PE3: Coding Standard and Technical Documentation											
9	Professional Elective 4		3	0	0	3	3	15	15	10	60	3 Hrs
	IT1415	PE4: Neural Networks & Fuzzy Logic										
	IT1405	PE4: Pattern Recognition										
IT1421	PE4: Distributed Systems											
10	Lab Professional Elective 4		0	0	2	2	1	15	15	10	60	3 Hrs
	IT1416	PE4: Lab : Neural Networks & Fuzzy Logic										
	IT1439	PE4: Lab: Pattern Recognition										
IT1440	PE4: Lab: Distributed System											
Total			20	1	8	29	25					
SEMESTER VII Group "B"												
1	IT1424	Industrial Project (Industry Visit/Training/Seminar)	0	0	30	30	20			40	60	
2	IT1426	Extra Curricular Activity	0	0	0	0	2			100		
3	IT1425	Comprehensive Viva-Voce	0	0	0	0	3				100	
Total			0	0	30	30	25					
Total All			20	1	38	59	50					



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Department of Information Technology

SCHEME OF EXAMINATION UG 2014 - Modified (2017-18)

Sr. No.	Course Code	Course Title	CONTACT HOURS				Credits	% Weightage				ESE Duration Hrs.
			L	T	P	Total Contact Hours		MSE-I	MSE-II	TA	ESE	
SEMESTER VII Group "A"												
1	IT1424	Industrial Project (Industry Visit/Training/Seminar)	0	0	30	30	20			40	60	
2	IT1426	Extra Curricular Activity	0	0	0	0	2			100		
3	IT1425	Comprehensive Viva-Voce	0	0	0	0	3				100	
		Total	0	0	30	30	25					
SEMESTER VII Group "B"												
1	IT1403	Principle of Compiler Design	3	1	0	4	4	15	15	10	60	3 Hrs
2	IT1404	Lab: Principle of Compiler Design	0	0	2	2	1			40	60	
3	IT1417	Network Programming	4	0	0	4	4	15	15	10	60	3 Hrs
4	IT1418	Lab: Network Programming	0	0	2	2	1			40	60	
5	IT1427	Data Mining	4	0	0	4	4	15	15	10	60	3 Hrs
6	IT1428	Lab: Data Mining	0	0	2	2	1			40	60	
7	IT1422	Network Security	3	0	0	3	3	15	15	10	60	3 Hrs
8	Professional Elective 3		3	0	0	3	3	15	15	10	60	3 Hrs
	IT1407	PE3: Real Time Systems										
	IT1423	PE3: Human Computer Interaction										
	IT1429	PE3: Advanced Computer Architecture										
	IT1430	PE3: E-Commerce										
	IT1432	PE3: Cloud Computing										
IT1436	PE3: Coding Standard and Technical Documentation											
9	Professional Elective 4		3	0	0	3	3	15	15	10	60	3 Hrs
	IT1415	PE4: Neural Networks										



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		& Fuzzy Logic										
	IT1405	PE4: Pattern Recognition										
	IT1421	PE4: Distributed Systems										
10	Lab Professional Elective 4		0	0	2	2	1	15	15	10	60	3 Hrs
	IT1416	PE4: Lab : Neural Networks & Fuzzy Logic										
	IT1439	PE4: Lab: Pattern Recognition										
	IT1440	PE4: Lab: Distributed System										
Total			20	1	8	29	25					
Total All			20	1	38	59	50					

Part D: Electronic Question Banks

The Electronic question banks (EQB) for all courses of First Year BE & Third Semester BE all branches are complete and are being used for setting of question papers.

EQBs for higher semesters are under preparation. The validation of EQB for 4th Semester of all departments shall be done before January 2018.

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 by BoS General Engineering.

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

Part E : The following lab courses will be internally evaluated.

1- IT1102-Introduction to Computer Programing Lab

2- ME1102- Engineering Graphics Lab



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The changes in SoE on account of above are accepted by the AC. This change will be effective from session 2017-18

Item 17.4 To discuss the changes in the intake of existing programs or starting of new UG/ PG programs

1. Increase in intake of BE Information Technology from 60 to 120
2. Closures of following Post Graduate programmes
 - a. M. Tech. VLSI D. (shift-I)
 - b. M. Tech. VLSI D. (shift-II)
 - c. M. Tech. Computer Science Engineering (shift-II)
 - d. M. Tech. Information Technology
 - e. M. Tech. Production Engineering

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 Board of Management meeting.

Item 17.5 To discuss and finalize the changes, if any, in Academic Regulations.

The above changes in Academic Regulation were approved by the Academic Council.

Item 17.6 To discuss and approve the report of Controller of Examinations for Even 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.



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The Academic Council accepted the report of Controller of Examinations for the Even Term of 2016-17. The academic council advice BoS to be more scrupulous while doing moderation work of MSE question papers.

Academic council suggested to consider provision to give grace marks on lines of RTMNU.

Item 17.7 To discuss and approve the changes, if any, in Examination Manual

There are no changes proposed in the Examination Manual.

Item 17.8 To discuss and approve the report of Dean (Academic Matters) for Even Term 2016-17.

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 NCC, NSS and other social activities.

The report of the Dean (Academic Matters) for the Even 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 17.9 To discuss and approve the report of Research Centre Activities for Even 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 paper published by faculty should presented in tabular form.

The report Research Centre Activities for Even Term 2016-17 was approved by the Academic Council.



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Item 17.10 To discuss the approve the report of the Training and Placement Officer for Even Term 2016-17

The report of the Training and Placement Officer was put before the members.

AC suggested that the off campus placement data should also be presented

The report was accepted.

The report of Training and Placement Officer for Even Term 2016-17 was approved by the Academic Council.

Item 17.11 Any other matter with the permission of the Chair

1. Award of Grace Marks

The issue of award of grace marks was discussed and AC approved to award grace marks in line with RTM Nagpur University.

The proposed Academic Regulation is as under

- Grace marks will be awarded for enabling the student for passing an examination.
- Grace marks shall be awarded for enabling a student for securing "D" grade.
- The maximum of 03 grace marks shall be awarded in a course.
- The grace marks will be awarded in maximum 02 courses of given examination.

Award of grace marks shall be reflected in Grade Sheet for that course with asterisk.

Students passing with grace marks shall not be eligible to be placed in merit list or any medals prizes.



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The above regulation will be come into force with effect from date of its approval by BOM.

2. Dr. Shivprakash suggested so that NIRF ranking of the college should improve to less than 100.
3. Dr. M.D. Choudhary suggested that the courses such as Labor Laws, financial Management, Intellectual property, etc. should be offered. He also suggested to adopt village and provide social service jointly with NGO.
4. Mr. Sunil C. Panchbhai, LG Electronics, Pune suggested to increase programs on entrepreneurship. He also offered to help in interaction with IIT Mumbai.
5. Mr. Chandrashekhar Joshi, Fujitsu Consulting India, Pune suggested that new courses such as AI, IoT, should be incorporated in SoE of EE & ETC.

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

The meeting concluded with thanks to the Chair.

Date: 30.08.2017

(Dr. A.V. Bapat)
Member Secretary



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Academic Council 2016-18

17th Meeting 26th August 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 Distt 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. S.R. Khandeshwar	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. A.S. Khobagade	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. Prasanna L. Zade	Head, Dept of Electronics and Telecomm, YCCE, Nagpur	
14	Dr. Mrs. Kavita R. Singh	Head, Dept of Computer tech, YCCE, Nagpur	High 26/08/2017
15	Dr. Ms. Ujwala H. Gawande	Head, Dept of Information Tech, YCCE, Nagpur	26/8/17
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	26/8/17
17	Dr. Mrs. S. A. Fadnavis	Head, Physics, YCCE, Nagpur	26/8/17
18	Dr. Mrs. Jyoti V. Miskin	Head, Dept of Chemistry, YCCE, Nagpur	LOA.
19	Dr. P.K. Dakhoie	Professor in Electronics Engg, YCCE, Nagpur; and Registrar	26/8/17
20	Prof. A.R. Bhagat Patil	Asso. Professor in Computer Technology, YCCE, Nagpur; and Dean (P&D)	
21	Dr. P.T. Karule	Professor in Electronics Engg, YCCE, Nagpur; and Controller of Examinations	
22	Dr. K.K. Bhojar	Professor in Information Technology, YCCE, Nagpur; and Chairman of Result Review & Moderation Committee	
23	Dr. A.V. Patil	Professor in Civil Engg, YCCE, Nagpur; and Chairman of Self Assessment of Autonomy	
24	Prof. Aniket P. Munshi	A.P. in Electrical Engg, YCCE, Nagpur	
25	Dr. A.V. Bapat, Dean (Academic Matters)	Professor in Electronics Engineering, YCCE, Nagpur; and Dean Academic Matters	



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Minutes of 18th meeting of Academic Council held on 24 February 2018

The **Eighteenth meeting** of Academic Council was held on **24th February 2017** at 10.30 am in the Board Room of YCCE, Nagpur. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman, AC	13	Dr. Milind M. Mushrif, HoD, Electronics & Telecommunication Engineering
2	Dr. M.D. Choudhari, Chief Coordinator, Faculty of Engineering and Tech., RTM Nagpur University (V.C.'s Nominee)	14	Dr. Mrs. Kavita R. Singh, HoD Computer Technology
3	Dr. V.H. Tatwawadi, Principal, DBA CoER, Nagpur (VC's Nominee)	15	Dr. Ms. Ujwala Gawande, HoD, Information Technology
4	Dr. G.H. Agrawal, KDK College of Engineering, Nagpur (VC's Nominee)	16	Dr. Mrs. Jyoti V. Miskin, HoD, Chemistry
5	Dr. N.C. Shivprakash, I,I,Sc., Bangalore	17	Dr. P.K. Dakhole, Registrar
6	Mr. Sunil C. Panchbhai, LG Electronics, Pune	18	Prof. Arvind Bhagatpatil, Dean (P & D)
7	Mr. Rajendra Jodhpurkar, INFOCEPTS Software Technology, Nagpur	19	Dr. P.T. Karule, COE
8	Mr. Chandrashekhar Joshi, Fujitsu Consulting India, Pune	20	Dr. KK. Bhojar, Professor, Information Technology, YCCE
9	Dr. Shantanu R. Khandeshwar, HoD, Civil Engineering	21	Dr. A.V. Patil, Professor, Civil Engineering, YCCE
10	Dr. Sharad S. Chaudhary, HoD, Mechanical Engineering	22	Prof. Aniket P. Munshi, Electrical Engineering, YCCE
11	Dr. Ravindra Moharil, HoD, Electrical Engineering	23	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary
12	Dr. Atish Khobragade, HoD Electronics Engineering		

Leave of Absence granted to			
1	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics	2	Dr. Mrs. S.A. Fadnavis, HoD, Physics

Item 18.1: Welcome of members

The Chairman of the Academic Council, Dr. U.P. Waghe welcomed the members of the Academic Council with floral bouquet.



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

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Item 18.2 To confirm the Minutes of 17th Meeting of the Academic Council and consider the action taken report.

The AC unanimously approved the minutes of Seventeenth meeting of Academic Council held on 26th August 2017 and Action Taken Report thereof.

Item 18.3 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.

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

The minor changes in the course contents suggested by the BoS as below

BoS	Sem	Course Code & Name
Electrical Engineering	3	EL1202: Lab: Network Analysis
	8	EL1434: Lab: Renewable Energy Sources
Electronics Engineering	8	PE V :EE 1438 MECHATRONICS
Computer Technology	6	CT1349 PE I : Business Intelligence and Its Applications
	6	CT1314 : Design & Analysis of Algorithms
	7	CT1408 : PE III: CLOUD COMPUTING
	4	CT1207 : Computer Architecture & Organization
	2	CSE1919 : Data Warehousing

The AC approved changes in course contents and changes in the text/reference books for the courses mentioned above. These changes will be incorporated with immediate effect.



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Item 18.4 To discuss and approve UG & PG scheme of examination 2018 and syllabus for semester I to IV for academic year 2018-19 onwards

After detailed discussion the Academic Council approved UG PG Scheme of Examination 2018 and syllabus of First to Fourth Semester. The Academic Council suggested to change course title of so that the title will indicate the course contents. The details of changes are as under

Semester	Course Title	Suggested Course Title
Civil Engineering		
3	Geotechnical Engineering-I	Geotechnical Engineering
3	Fluid Mechanics-I	Fluid Mechanics
3	Env. Engg-I	Water Supply Engineering
4	Structural Analysis-I	Structural Analysis
5	Structural Analysis-II	Advanced Structural Analysis
6	Fluid Mechanics-II	Hydraulic Engineering
6	Geotechnical Engineering-II	Foundation Engineering
7	Env. Engg-II	Wastewater Collection
7	PE-IV Foundation Engineering	PE-IV Advanced Foundation Engineering
Mechanical Engineering		
3	Manufacturing Process-I	Machining Processes
4	Manufacturing Process-II	Manufacturing Processes
3	Electrical Machines-I	Electrical Machines
4	Electrical Machines – II	Electrical Machines in Power System
5	EPS-I	Fundamentals of Power System
6	EPS-II	Power System Analysis
6	Electrical Drives – I	Electrical Drives
Computer Technology		
3	Data Structures -I	Data Structures
4	Data Structures -II	Advance Data Structures
Information Technology		
3	Data Structures and Program Design-I	Basics of Data Structures
4	Data Structures and Program Design-II	Advance Data Structures
Mathematics		
4	Mathematics-IV	Advance Mathematical Techniques (BR: CV,ME,EL,EE & ETC) Statistical and Optimization Techniques (BR: CT & IT)

The final year Scheme should be grouped as Group "A" & Group "B" so that internship can be offered in both Odd as well as Even semester.



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Item 18.5 To discuss and finalize the changes, if any, in Academic Regulations.

The Academic council approved the inclusion of rules regarding the AWARD of semester ranks as per notification dt 25.01.2018 Ref No. YCCE/DAM//2017-18/145

Item 18.6 To discuss and approve the report of Controller of Examinations for Odd Term 2017-18 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 item in the report, mainly the results.

The Academic Council accepted the report of Controller of Examinations for the Odd Term of 2017-18.

Item 18.7 To discuss and approve the changes, if any, in Examination Manual

There are no changes proposed in the Examination Manual.

Item 18.8 To discuss and approve the report of Dean (Academic Matters) for Odd Term 2017-18.

The report of the Dean (Academic Matters) was put before the members. The report was accepted.

The report of the Dean (Academic Matters) for the Odd Term of 2017-18 was approved by the Academic Council.



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Item 18.9 To discuss and approve the report of Research Centre Activities for Odd Term 2017-18.

The report of the Research Centre Activities was put before the members. The report was accepted..

The report Research Centre Activities for Odd Term 2017-18 was approved by the Academic Council.

Item 18.10 To discuss the approve the report of the Training and Placement Officer for Odd Term 2017-18

The report of the Training and Placement Officer was put before the members.

AC suggested that the average package data should also be presented. The report was accepted.

The report of Training and Placement Officer for Odd Term 2017-18 was approved by the Academic Council.

Item 18.11 Any other matter with the permission of the Chair

➤ **Approval of Draft Vision Mission statement of Institute & Departments**

The Academic Council authorize the Chairman Academic Council to finalize the Vision Mission statement Quality policy, Core values and Punch Line of the Institute and Vision Mission statement of all the departments with modifications, if any , in consultation with competent authority.

➤ **End semester examination passing marks criteria from 15 to 12**

Academic council decided to continue with existing passing criteria of ESE (i.e. 15 marks)



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➤ ***Inclusion of medals endowment.***


Academic council approved endowment of Gold Medal to most outstanding student of the institute as "Mr. Sanjeev Kumar Das-CT-1992-Most Outstanding Student Award" from 5th Graduation Ceremony onwards.

The 18th Academic Council meeting was the last meeting for this committee. Chaiman thanked all the members of Academic Council, especially the external members for the valuable inputs and active participation.

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

The meeting concluded with thanks to the Chair.

Date: 27.02.2018


(Dr. A.V. Bapat)
Member Secretary



Nagar Yuwak Shikshan Sanstha's

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

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

Hingna Road, Wanadongri, Nagpur-411 110.

Academic Council 2016-18

18th Meeting 24th February 2018

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 Distt 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 INACCEPTS	
7	Mr. Rajendra Jodhpurkar	Delivery Head, Life Science & Healthcare, Persistent Systems, Software Technology Park, Near VNIT, Nagpur 440022	
8	Mr. Chandrashekhar Joshi	Head, Competency Unit - MIS, FUJITSU CONSULTING INDIA, A-15 MIDC Technology Park Talawade Pune 412114	
9	Dr. S.R. Khandeshwar	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. A.S. Khobagade	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. Milind M. Mushrif	Head, Dept of Eletronics and Telcomm, YCCE, Nagpur	
14	Dr. Mrs. Kavita R. Singh	Head, Dept of Computer tech, YCCE, Nagpur	
15	Dr. Ms. Ujwala H. Gawande	Head, Dept of Information Tech, YCCE, Nagpur	
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	
17	Dr. Mrs. S. A. Fadnavis	Head, Physics, YCCE, Nagpur	
18	Dr. Mrs. Jyoti V. Miskin	Head, Dept of Chemistry, YCCE, Nagpur	
19	Dr. P.K. Dakhole	Professor in Electronics Engg, YCCE, Nagpur; and Registrar	
20	Prof. A.R. Bhagat Patil	Asso. Professor in Computer Technology, YCCE, Nagpur; and Dean (P&D)	
21	Dr. P.T. Karule	Professor in Electronics Engg, YCCE, Nagpur; and Controller of Examinations	
22	Dr. K.K. Bhojar	Professor in Information Technology, YCCE, Nagpur; and Chairman of Result Review & Moderation Committee	
23	Dr. A.V. Patil	Professor in Civil Engg, YCCE, Nagpur; and Chairman of Self Assessment of Autonomy	
24	Prof. Aniket P. Munshi	A.P. in Electrical Engg, YCCE, Nagpur	
25	Dr. A.V. Bapat, Dean (Academic Matters)	Professor in Electronics Engineering, 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}

Date:- 6th January 2018

Meeting No 20 of Board of Studies of Civil Engineering department is scheduled on **Tuesday 9th January 2018 at 2:00 p.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 20th meeting of BoS, Civil engineering, to be conducted on 9th January 2018.

Item No. 20.01

Welcome of new members

Item No. 20.03

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

Item No. 20.04

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. 20.05

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. 20.06

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. 20.07

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

Item No. 20.08

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

Item No. 20.09

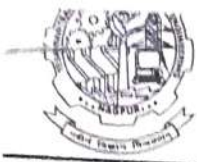
To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.

Item No. 20.10

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 2017-18

Item No. 20.11

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 2017-18



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DEPARTMENT OF CIVIL ENGINEERING

Item No. 20.12

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 2017-18

Item No. 20.13

Preparation of Electronic question Bank for V and VI Sem UG courses

To review solutions to all questions of Electronic Question Banks for all courses of IV SEM

Item No. 20.14

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

Item No. 20.15

To prepare and propose Scheme of Examination 2018 for UG & PG programmes.

Item No. 20.16

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. 20.17

Any other matter with the permission of the Chair.

Dr. S.R. Khandeshwar
Head & Chairman,
Board of Studies Civil Engineering

Name	Signature	Name	Signature	Name	Signature
Mr. H.O. Thakare		Dr. S.P. Raut		Mr. S.M. Anrodiya	
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		Ms. M.R. Wagh	
Dr. S.R. Khandeshwar		Mr. H.R. Nikhade		Mr. Y.P. Kherde	
Dr. S.V. Ambekar		Mr. J.M. Raut		Ms. S.G. Hirekhan	
Dr. A.V. Patil		Mr. D.G. Agrawal		Mr. R.M. Bhagat	
Dr. A.L. Dandge		Mr. P.K. Hinge		Ms. P.B. Chouhan	
Dr. V.G. Meshram		Ms. A.A. Yadav (Adekar)		Mr. N.S. Deshmukh	
Dr. A.R. Gajbhiye		Ms. S.S. Meshram		Mr. N.V. Deshmukh	
Mr. R.S. Deotale		Mr. P.B. Pande		Ms. A.D. Yawale	
Dr. R.R. Dighade		Mr. A.S. Kurzekar		MS MR Jain	
Mr. S.M. Waghmare		Mr. V.D. Jayale		Mr. A.R. Ansari	
Mr. D.R. Raut		Mr. H.M. Warade		Ms. D.S. Meshram	
Mr. B.P. Nandurkar		Ms. P.S. Chakole		Ms. M.E. Chinchghare	
Dr. M.S. Bhagat		Ms. S.K. Kamble		Ms. K.M. Dahake	

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		



DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR {BoS}

The 20th Meeting of Board of studies of Civil Engineering is scheduled on Tuesday 09th January 2018 at 02:00 p.m. as per following schedule.

Date :- Tuesday 09th January 2018
Time :- 02:00 p.m.
Venue :- Conference Hall (CE-206)

The Following staff members attended the meeting.

Name	Signature	Name	Signature	Name	Signature
Dr. A.R. Tembhurkar		Er. Suneel Voditel		Dr. H.V. Hajare	
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. Waghre	---	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		Ms. M.R. Wagh	
Dr. S.R. Khandeshwar		Mr. H.R. Nikhade	LEAVE	Mr. Y.P. Kherde	---
Dr. S.V. Ambekar		Mr. J.M. Raut		Ms. S.G. Hirekhan	---
Dr. A.V. Patil		Mr. D.G. Agrawal		Mr. R.M. Bhagat	
Dr. A.L. Dandge		Mr. P.K. Hinge		Ms. P.B. Chouhan	
Dr. V.G. Meshram		Ms. A.A. Yadav (Adekar)		Mr. N.S. Deshmukh	
Dr. A.R. Gaibhose		Ms. S.S. Meshram		Mr. N.V. Deshmukh	
Mr. R.S. Deotale		Mr. P.B. Pande		Ms. A.D. Yawale	
Dr. R.R. Dighade		Mr. A.S. Kurzekar		MS. M.R. Jam	
Mr. S.M. Waghmare		Mr. V.D. Jayale		Mr. A.R. Ansari	
Mr. D.R. Raut		Mr. H.M. Warade		Ms. D.S. Meshram	
Mr. B.P. Nanurkar		Ms. P.S. Chakole		Ms. M.I. Chinchglure	
Dr. M.S. Bhagat	---	Ms. S.K. Kamble		Ms. K.M. Dahake	



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DEPARTMENT OF CIVIL ENGINEERING

Minutes of 20th Bos Meeting on 09/01/2018

- **20TH Meeting of BoS of Civil engineering was held on 09th January 2018 it was chaired by Dr. S.R. Khandeshwar, Chairman BoS. Following members were present.**

Name	Name	Name
Dr. A.R. Tembhurkar	Dr. S.P. Raut	Mr. S.M. Amrodiya
Prof. P.B. Kulkarni	Mrs. V.N. Mendhe	Mr. S.G. Kalamkar
Er. Suneel Voditel	Ms. C.S. Waghmare	Mr. S.W. Dhengare
Ms. Vaidehi Bhedi	Mr. K.S. Ansari	Ms. M.R. Wagh
Dr. H.V. Hajare	Mr. J.M. Raut	Mr. Y.P. Kherde
Dr. A.M. Pande	Mr. D.G. Agrawal	Ms. S.G. Hirekhan
Dr. S.R. Khandeshwar	Mr. P.K. Hinge	Mr. R.M. Bhagat
Dr. S.V. Ambekar	Ms. A.A. Yadav	Ms. P.B. Chouhan
Dr. A.V. Patil	Ms. S.S. Meshram	Mr. N.S. Deshmukh
Dr. A.L. Dandge	Mr. P.B. Pande	Mr. N.V. Deshmukh
Dr. V.G. Meshram	Mr. A.S. Kurzekar	Ms. A.D. Yawale
Dr. A.R. Gajbhiye	Mr. V.D. Jayale	MS. M.R. Jain
Mr. R.S. Deotale	Mr. H.M. Warade	Mr. A.R. Ansari
Dr. R.R. Dighade	Ms. P.S. Chakole	Ms. D.S. Meshram
Mr. S.M. Waghmare	Ms. S.K. Kamble	Ms. M.E. Chinchghare
Mr. D.R. Raut		Ms. K.M. Dahake
Mr. B.P. Nandurkar		

- **Following members had been permitted leave of absence**

1. Prof. H.R. Nikhade



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DEPARTMENT OF CIVIL ENGINEERING

Item No. 20.01

Welcome of new members

The Chairman first welcomed all BoS members. Dr. A.L.Dandge welcomed Dr. H.V. Hajare, Prof. S.M. Waghmare welcomed Dr. A.R. Tembhurkar, Er. Suneel Voditel is welcomed by Prof. R.S. Deotale, Ms. Sangita Meshram welcomed Ms. Vaidehi Bhedi and Dr. S.V. Ambekar welcomed Prof. P.B. Kulkarni.

Item No. 20.03

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

The minutes of previous meeting no. 19 held on 29/07/2017 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. The minutes were then accepted.

Item No. 20.04

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.

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 present scheme of examination continued to be adopted.

Item No. 20.05

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.

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 correction and amendments were proposed by members. PE-II Computer application in Civil Engineering will be offered as elective in VII sem from session 2018-19.

Course Code	Course Name	Suggestions by Experts and Course Teachers
CV1201	Strength of Materials	Deflection of simple beams by integration added in unit V
CV1203	Geotechnical Engineering-I	Role of Geotechnical engineer in construction industry. Added in unit I
CV1301	Surveying -II	Heights from parallax measurements added in Unit V
CV1304	Transportation Engineering -I	precast, post-tensioned and segmental construction added in unit V
CV1325	OE-I Environmental Management	critical environmental issues and formulation of strategies of EMP added in unit III
CV1327	OE-I Building Services Engineering	Building protection against lightening added in Unit III
CV1329	OE-I Construction Techniques	Safety while using electrical appliances added in unit VI
CV1401	Water Resources Engineering	Spillways added in Unit VI
CV1422	Transportation Engineering-II	advances in tunneling techniques added in Unit VI
CV1441	Environmental Engineering-II	Common treatment alternatives for industrial waste water added in unit V



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PG Structural Engineering

Course Code	Course Name	Suggestions by Experts and Course Teachers
CV1901	Numerical Methods	Wilson - θ method is added in Unit VI
CV1902	Theory of Elasticity and Elastic Stability	Torsion of non-circular and elliptical cross section is added in Unit III.
CV1903	Structural Dynamics	Energy Principle, Rayleigh's method (2 DOF) is added in Unit III.
CV1905	Matrix Analysis of Structures	Effect of shear deformation, internal member end releases is added in Unit V.
CV1907	Design of Substructures	Under reamed pile foundation, design of well foundation is added in Unit III.

PG Environmental Engineering

Course Code	Course Name	Suggestions by Experts and Course Teachers
GE1901	Computational Methods	Gaderkin and Ritz method is added in Unit II
CV1951	Environmental Chemistry and Microbiology	Kinetics of microbial growth is added in Unit IV
CV1953	Water Supply and Waste Water Collection	Linear Theory method is added in Unit I
CV1972	PE-II Rural Water Supply and Sanitation	Water supply during fairs, festivals and emergencies is added in Unit III
CV1973	PE-III Applied Structures	Durability criteria for environmental structures is added in Unit IV

Item No. 20.06

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.

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.

No correction were proposed by any members.

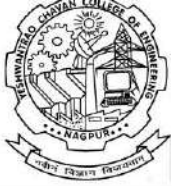
Item No. 20.07

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

No change in the current syllabus of laboratory courses were proposed by any members.

Item No. 20.08



DEPARTMENT OF CIVIL ENGINEERING

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.

Item No. 20.09

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

Presently the course Concrete Technology of IV Semester -Even term 2017-18 is running as a MOOC course.

Item No. 20.10

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 2017-18

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 Even Term 2017-18 on 30th Jan.2018 (Sub-committee meeting)

Item No. 20.11

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 2017-18

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 Even Term 2017-18 on 30th Jan.2018(Sub-committee meeting)

Item No. 20.12

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 2017-18

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 Even Term 2017-18 on 30th Jan.2018(Sub-committee meeting)

Item No. 20.13

Preparation of Electronic question Bank for V and VI Sem UG courses

To review solutions to all questions of Electronic Question Banks for all courses IV Sem

It was informed by concerned members that the work of electronic question bank for V and VI sem. is in progress. It was decided to finalize the same for **V and VI Sem** Semester by 19 Jan. 2018.

The Electronic Question Bank for all courses of IV Sem was completed and ready for validation from the experts.

Item No. 20.14



DEPARTMENT OF CIVIL ENGINEERING

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.

No changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses were proposed by any members. Finally, it was unanimously resolved that the existing Evaluation Process for theory and other courses continued to be adopted.

Item No. 20.15

To prepare and propose Scheme of Examination 2018 for UG & PG programmes.

New proposed SoE 2018-19 was discussed with all the BoS members. The suggestions were –

- Syllabus of Engineering Hydrology to be added in Water Resources Engineering suggested by Ms. Vaidehi Bhedi.
- Steel Structures need lab course suggested by Dr. A.V. Patil.
- Management courses and other courses need to be converted into Audit course suggested by all BoS members.
- Major project may be in-campus or off-campus suggested by all BoS members.
- Process of evaluation to be framed for off campus internship / projects suggested by all BoS members.
- Construction law, modern development and management should be included in management subjects suggested by Dr. S.V. Ambekar.
- Designing part needs to be strengthening suggested by Ms. Vaidehi Bhedi.
- Under the model curriculum given by AICTE, it is difficult to frame the justified syllabus of Civil Engineering subjects commented by Dr. Dr. A.R. Tembhurkar, Dr. H.V. Hajare & Prof. P.B. Kulkarni.
- Core portion of the SoE/ syllabus is to be increased commented by Dr. Dr. A.R. Tembhurkar, Dr. H.V. Hajare & Prof. P.B. Kulkarni.

The suggestions from the Experts are welcomed by the Chairman, BoS. It was decided to put up the matter in Academic council meet for further deliberations and discussions.

It is further notified by all BoS members that BoS Chairman is empowered to finalize SoE

Item No. 20.16

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.

Necessary and valuable inputs has been put forward by stakeholders for new SoE and curriculum 2018-19 which will be incorporated while preparing of the said curriculum.

Item No. 20.17

Any other matter with the permission of the Chair

It was informed by Chairman BoS that CDW will probably be held on second week of February 2018 and asked the faculty to prepare the syllabus as per new guidelines.



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The meeting ended with thank to chair.

Dr. S.R. Khandeshwar
Head & Chairman,
Board of Studies Civil Engineering



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NOTICE

{BoS}

Date:- 20th July 2017

Meeting No 19 of Board of Studies of Civil Engineering department is scheduled on **Saturday 29th July 2017 at 11:00 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 19th meeting of BoS, Civil engineering, to be conducted on 29th July 2017

Item No. 19.01

Welcome of new members

Item No. 19.02

Installation of member Secretary

Item No. 19.03

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

Item No. 19.04

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. 19.05

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. 19.06

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. 19.07

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

Item No. 19.08

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

Item No. 19.09

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

Item No. 19.10

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 2017-18



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Item No. 19.11

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 2017-18

Item No. 19.12

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 2017-18

Item No. 19.13

Preparation of Electronic question Bank for V and VI Sem UG courses

To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM

Item No. 19.14

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

Item No. 19.15

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. 19.16

Any other matter with the permission of the Chair.

Dr. S.R. Khandeshwar
Head & Chairman,
Board of Studies Civil Engineering

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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR {BoS}

The 19th Meeting of Board of studies of Civil Engineering is scheduled on Saturday 29th July 2017 at 11.00 a.m. as per following schedule.

Date :- Saturday 29th July 2017
Time :- 11:00 a.m.
Venue :- Conference Hall (CE-206)

The Following staff members attended the meeting.

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



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DEPARTMENT OF CIVIL ENGINEERING

Minutes of 19th Bos Meeting on 29/07/2017

- **19TH Meeting of BoS of Civil engineering was held on 29TH July 2017 It was chaired by Dr. S.R. Khandeshwar, Chairman BoS. Following members were present**

Name	Name	Name
Dr. A.R. Tembhurkar	Ms. C.S. Waghmare	Ms. S.G. Hirekhan
Er. Suneel Voditel	Mr. K.S. Ansari	Mr. R.M. Bhagat
Dr. H.V. Hajare	Mr. H.R. Nikhade	Ms. P.B. Chouhan
Ms. Vaidehi Bhedi	Mr. J.M. Raut	Mr. N.S. Deshmukh
Mr. H.O. Thakare	Mr. D.G. Agrawal	Mr. N.V. Deshmukh
Dr. U.P. Waghe	Mr. P.K. Hinge	Ms. H.R. Raut
Dr. A.M. Pande	Ms. A.A. Yadav	Ms. A.D. Yawale
Dr. S.D. Bhole	Ms. S.S. Meshram	MS. M.R. Jain
Dr. S.R. Khandeshwar	Mr. P.B. Pande	Mr. A.R. Ansari
Dr. S.V. Ambekar	Mr. A.S. Kurzekar	Ms. D.S. Meshram
Dr. A.L. Dandge	Mr. V.D. Jayale	Ms. M.E. Chinchghare
Dr. A.R. Gajbiye	Mr. H.M. Warade	Ms. K.M. Dahake
Mr. R.S. Deotale	Ms. P.S. Chakole	Mr. P.P. Waghmare
Mr. S.M. Waghmare	Ms. S.K. Kamble	Ms. S.S. Deshpande
Mr. D.R. Raut	Mr. S.M. Amrodiya	Ms. S.G. Hirekhan
Dr. S.P. Raut	Mr. S.G. Kalamkar	Mr. R.M. Bhagat
Mrs. V.N. Mendhe	Mr. S.W. Dhengare	Ms. P.B. Chouhan

- **Following members had been permitted leave of absence**

1. Prof. P.B. Kulkarni
2. Dr. A.V. Patil
3. Dr. V.G. Meshram
4. Dr. R.R. Dighade
5. Mr. B.P. Nandurkar



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DEPARTMENT OF CIVIL ENGINEERING

Item No. 19.01

Welcome of new members

The Chairman first welcomed all BoS members. New BoS members, Ms. M.R. Jain, Mr. A.R. Ansari, Ms. D.S. Meshram, Ms. M.E. Chinchghare, Ms. K.M. Dahake, Mr. P.P. Waghmare were welcomed by all BoS members after introduction by the chairman.

Item No. 19.02

Installation of member Secretary –

Prof. Ms. C.S. Waghmare takes the charge as a Member Secretary for the session Odd 2017-18.

Item No. 19.03

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

The minutes of previous meeting no. 18 held on 11/02/2017 were already circulated to all members. Since there was no comment from any member, the chairman requested to accept the minutes. Dr S.P. Raut proposed the minutes to be accepted and Dr. A.R. Gajbhiye seconded it. The minutes were then accepted.

Item No. 19.04

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.

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 present scheme of examination continued to be adopted.

Item No. 19.05

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.

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 for Undergraduate program were proposed by the members of the department in the courses mentioned below. The correction will be sent to Dean (academic matters) for confirmation and finalization of syllabus.

B.E.(Civil Engineering)

S.N.	Semester	Course Code & Name
1	III Sem	GE1202 Engineering Geology CV1203 Geotechnical Engineering-I
2	V Sem.	CV1307 Structural Analysis-I
3	VI Sem.	CV1333 Geotechnical Engineering II

Prof. P.B. Pande suggested modifications in Professional Elective -V (PE-V) Advanced Geotechnical Engineering (CV 1456) of VIII Semester. This Professional Elective will be introducing first time in the next session. The course contents of present subject need to be changed, consequently, the subject title will also be changed. Title of new course will be Advanced Foundation Engineering. The copy of new syllabus of the course is attached.

It is proposed to offer CV1447 PE-III : Advanced RCC and CV 1452 PE-IV : Advanced Survey for the even term.

The chairman and BoS experts approved the same.



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UG Civil Engineering

Course Code	Course Name	Suggestions
CV1208	Concrete Technology	Introduction to Ready mix, pumped and self-compacting concrete added in unit II
CV1210	Surveying-I	Surveying Equipment added in unit VI
CV1214	Building Construction and Building Drawing	Importance of Building drawing as Engineers language in construction & costing added in unit IV
CV1216	Engineering Hydrology	Introduction to hydraulics of wells, Open wells safe yield test, Pumping Tests added in Unit V
CV-1333	Geotechnical Engineering II	methods of improving stability of slopes added in unit V
CV-1421	Estimating & Costing	factors affecting task work added in Unit II

PG Structural Engineering

Course Code	Course Name	Suggestions
CV1911	Finite Element Method	Isoparametric elements for two-dimensional stress analysis is added in Unit IV
CV1912	Theory of Plates and Shells	D-K-J theory is added in Unit V
CV1913	Earthquake & Wind Effects on Structures	Vibration Control and Structural Monitoring is added in Unit VI.
CV1915	PE-I Prestressed Concrete	slabs – one way and two way is added in Unit IV

PG Environmental Engineering

Course Code	Course Name	Suggestions
CV1961	Industrial Wastewater Treatment and Disposal	Common effluent treatment plant, concept, advantages is added in Unit IV
CV1962	Environmental Management	economic benefits of environmental audit is added in Unit III
CV1963	Air Quality Management	Indoor Air Pollution is added in Unit IV



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DEPARTMENT OF CIVIL ENGINEERING

Item No. 19.06

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.

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.

S.N.	Semester	Course Code & Name
1	III Sem	GE1202 Engineering Geology

Item No. 19.07

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

S.N.	Semester	Course Code & Name
1	V Sem.	CV1302 Lab.: - Surveying-II
2	VII Sem.	CV1442 Lab.: - Computer Application in Civil Engineering
3	VIII Sem.	CV 1424 Comprehensive viva Voce

Item No. 19.08

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.

Item No. 19.09

To discuss and propose the new courses/MOOCs 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. 19.10

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 2017-18

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 2017-18 on 31st July 2017 (Sub-committee meeting)



DEPARTMENT OF CIVIL ENGINEERING

Item No. 19.11

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 2017- 18

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 2017-18 on 1st August 2017.

Item No. 19.12

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 2017-18

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 2017-18 on 1st August 2017.

Item No. 19.13

Preparation of Electronic question Bank for V and VI Sem UG courses

To review solutions to all questions of Electronic Question Banks for all courses of III and IV Sem

It was informed by concerned members that the work of electronic question bank for V and VI sem. is in progress. It was decided to try and finalize the same for **V and VI Sem** Semester by December 2017.

The Electronic Question Bank for all courses of III and IV Sem was completed and Electronic Question Bank of III Sem is already validated by experts from VNIT, Nagpur

Item No. 19.14

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.

Prof. D.R. Raut proposed the Nomenclature of sub-questions in the existing paper format. Chairman asked the respective faculty to provide action plan in this regard. The suggested paper format is attached with this.(Appendix-I)

Item No. 19.15

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.

Item No. 19.16

Any other matter with the permission of the Chair

The course "Project Planning and Management" was a core course in the scheme 2010-11. In the new scheme 2014-15, the said course was deleted. In the construction industry, it is expected from Civil Engineering graduates that they should have knowledge of Construction Planning and Management. Hence it is suggested by Dr. S.P. Raut, member BoS, to conduct workshop on " Introduction of Project Planning (CPM and PERT) and hands-on on Microsoft projects for the VII sem students.

Prof. H.M. Warade, member BoS, proposed a shifting of Professional E-II Natural Resources Management(CV 1413) of VII Sem to Open Elective-II of VI Sem. He further proposed to include Open Elective -I Environmental Management (CV1325) as PE-II of VII Sem instead of PE-II Natural Resources Management (CV 1413). A detail discussion took place in this regard. It was decided to further discuss the matter in Academic council meet.

Prof. D.R. Raut, member BoS, suggested inclusion of self-learning topics in the syllabus. The detail of which is attached with this. (Appendix-II)



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DEPARTMENT OF CIVIL ENGINEERING

Mr. Suneel Voditel, one of the Expert, suggested that the students must be perquisite with necessary knowledge prior to entry in the industry. So he proposed to incorporate the basic software courses in the early semester of the program.

Ms. Vaidehi Bhedi, Alumini and Expert BoS suggested that the students should be provided with list/sheets of figures and illustrations for the ease of study.

The suggestions from the Experts are welcomed by the Chairman, BoS.

The meeting ended with thank to chair.

Dr. S.R. Khandeshwar
Head & Chairman,
Board of Studies Civil Engineering



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Department of Mechanical Engineering

17/07/2017

Minutes of BOS Meeting

The Nineteenth meeting of the Board of Studies in Mechanical Engineering is conducted on Thursday, 27th July 2017 in the E-Class Room (ME-106) of Mechanical Engineering Department at 11:00 AM.

The Minutes of BOS Meeting are as follows:

Item No. 19.01

Welcome of new members

Chairman BoS Welcome all the members.

Item No. 19.02

Installation of member Secretary.

Prof. A.P.Edlabadkar nominated as Member Secretary

Item No. 19.03

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

The minutes of the 18th Meeting of BoS in Mechanical Engineering held on Tuesday dated 04/02/2017 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. 19.04

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.

As per the discussion of BOS members, separate curriculum development workshop must be organised for the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.

Item No. 19.05

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 Change in the existing scheme.



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Department of Mechanical Engineering

Item No. 19.06

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.

No Change in the existing scheme.

Item No. 19.07

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

No Change in the existing scheme.

Item No. 19.08

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

No Change.

Item No. 19.09

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

MOOCs should be a value addition to existing course. These kinds of courses cannot be included in the curriculum.

Item No. 19.10

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 2017-18.

Prepared and proposed 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 2017-18 is accepted with minor changes.



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Department of Mechanical Engineering

Item No. 19.11

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 2017-18.

Prepare and proposed 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 2017-18 is accepted with minor changes.

Item No. 19.12

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 2017-18.

Prepared and proposed 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 2017-18 is accepted with minor changes.

Item No. 19.13

Preparation of Electronic question Bank for V and VI Sem UG courses

To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM.

Chairman mention that separate committee under the guidance of Prof. V.M. Korde already working on this process.

Item No. 19.14

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

BoS reviewed the need for external examiners in the practical as well as theory (as paper setters, moderators and Valuers) and decided not to dilute the external evaluation in order to



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Item No. 19.15

Any other matter with the permission of the Chair.

BoS discussed the following points:-

1. Separate meeting should be schedule to review the departmental mission, vision, PEO, PO and CO Statement as it is one of the suggestion by NBA experts.
2. Curriculum development work must be organize to compile the SOE in 179 credits.
3. External expert Dr. P.M.Padole suggested to combine some of the lab courses where it is difficult to justify the practical as very little opportunity exist for conduction of experiments.
4. The BOS noted with the concern issue of changes in the curriculum without obtaining the approval from the BoS. For example, recently external practical examination from the subject

Engineering Graphics (ME-1102) was removed without prior approval from BoS Mechanical.

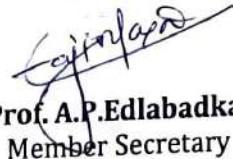

Dr. S.S. Chaudhari
Chairman

BoS in Mechanical Engineering

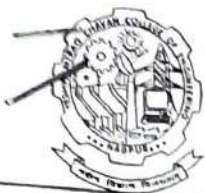
Dr. S. S. Chaudhari

Head, Dept. Of Mechanical Engineering

YCCE, Nagpur


Prof. A.P. Edlabadkar.
Member Secretary

BOS in Mechanical Engineering



Nagar Yuwak Shikshan Sanstha's

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Department of Mechanical Engineering

11/01/2018

Minutes of BOS Meeting

The **twentieth meeting** of the Board of Studies in **Mechanical Engineering** is organised on **Wednesday 10th January J2018** in the **E-Class Room (ME-106) of Mechanical Engineering Department at 11:30 AM.**

Minutes for the meeting are as follows:

Item No. 20.01

Welcome of new members.

Chairman BoS welcome all the members.

Item No. 20.02

Installation of member Secretary.

Item No. 20.03

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

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. 20.04

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

As per the discussion of BOS members, separate curriculum development workshop must be organised for the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.

Item No. 20.05

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 Change in the existing scheme.

Item No. 20.06

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.

No Change in the existing scheme.

Item No. 20.07

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



Nagar Yuwak Shikshan Sanstha's

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No Change.

Item No. 20.08

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

No Change.

Item No. 20.09

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

"Tribology" is included in the curriculum as a professional elective.

Item No. 20.10

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.

Prepared and proposed 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 2017-18 is accepted with minor changes.

2017-18

Item No. 20.11

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 2017-18

Prepared and proposed 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 2017-18 is accepted with minor changes

Item No. 20.12

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 2017-18.

Prepared and proposed 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 2017-18 is accepted with minor changes.

Item No. 20.13

**Preparation of Electronic question Bank for V and VI Sem UG courses
To review solutions to all questions of Electronic Question Banks for all courses of IV SEM.**

Chairman mentions that separate committee under the guidance of Prof. V.M. Korde already working on this process.



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Item No. 20.14

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

No change.

Item No. 20.15


To prepare & propose Scheme of Examination 2018 for UG & PG programmes. SOE for UG and PG prepared and submitted for approval.

Item No. 20.16

Any other matter with the permission of the Chair.

Following suggestions in SOE-2018 for UG courses are given by BOS Mechanical:

1. Open Elective is to be offer to students from parent department also. (Students from mechanical can opt subject from mechanical Department.)
2. CRT and Extracurricular activities should be audit courses.



Dr. S.S. Chaudhari
Chairman

BoS in Mechanical Engineering

Dr. S. S. Chaudhari

Head, Dept. Of Mechanical Engineering

YCCOE, Nagpur

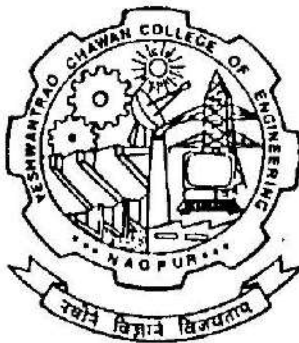

Prof. A.P. Edlabadkar
Member Secretary

BOS in Mechanical Engineering

Nagar Yuwak Shikshan Sanstha's

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Bachelor of Engineering SoE & Syllabus 2014 3 to 8 Semester Mechanical Engineering

Update on DEC 2017




Nagar Yuwak Shikshan Sanstha's

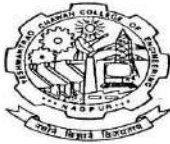
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B.E. SCHEME OF EXAMINATION 2014

Mechanical Engineering

Sl. No.	Course Code	Course Title	Contact Hours				Credits	% Weightage				ESE Duration Hrs.
			L	T	P	Total Contact Hours		MSE-I	MSE-II	TA	ESE	
THIRD SEMESTER												
1	GE1201	Engineering Mathematics - III	3	1	0	4	4	15	15	10	60	3
2	ME1201	Material Science & Metallurgy	3	0	0	3	3	15	15	10	60	3
3	ME1202	Lab: Material Science & Metallurgy.	0	0	2	2	1	40			60	
4	ME1203	Mechanics of Materials	3	0	0	3	3	15	15	10	60	3
5	ME1204	Lab: Mechanics of Materials	0	0	2	2	1	40			60	
6	ME1205	Fluid Mechanics	4	0	0	4	4	15	15	10	60	3
7	ME1206	Kinematics of Machinery	3	1	0	4	4	15	15	10	60	3
8	ME1207	Manufacturing Processes-I	3	0	0	3	3	15	15	10	60	3
9	ME1208	Lab: Manufacturing Processes-I	0	0	2	2	1	40			60	
Total			19	2	6	27	24					
FOURTH SEMESTER												
1	GE1204	Advanced Mathematical Techniques	3	1	0	4	4	15	15	10	60	3
2	ME1210	Mechanical Measurement	3	0	0	3	3	15	15	10	60	3
3	ME1211	Lab: Mechanical Measurement	0	0	2	2	1	40			60	
4	ME1212	Engineering Thermodynamics	4	0	0	4	4	15	15	10	60	3
5	ME1213	Design of Machine Elements	4	0	0	4	4	15	15	10	60	3
6	ME1215	Hydraulic Machines	3	1	0	4	4	15	15	10	60	3
7	ME1216	Lab: Hydraulic Machines	0	0	2	2	1	40			60	
8	ME1217	Manufacturing Processes - II	3	0	0	3	3	15	15	10	60	3
9	ME1218	Lab: Manufacturing Processes - II	0	0	2	2	1	40			60	
Total			20	2	6	28	25					
Chairperson	 Dean (Acad. Matters)		1.00		May 2015			Applicable for AY 2015-16 Onwards				
			Version		Date of Release							



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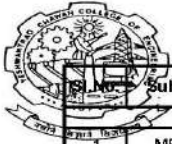
B.E. SCHEME OF EXAMINATION 2014

Mechanical Engineering

Sl.No.	Sub Code	Subject	CONTACT HOURS				Credits	% Weightage				ESE Duration
			L	T	P	Total		MSE-I	MSE-II	TA	ESE	
FIFTH SEMESTER												
1	GE1311	Fundamental of Management	3	0	0	3	3	15	15	10	60	3 Hours
2	ME1301	Metrology & Quality Control	3	0	0	3	3	15	15	10	60	3 Hours
3	ME1302	Lab.: Metrology & Quality Control	0	0	2	2	1			40	60	
4	ME1303	Heat Transfer	4	0	0	4	4	15	15	10	60	3 Hours
5	ME1304	Lab. : Heat Transfer	0	0	2	2	1			40	60	
6	ME1307	Applied Thermodynamics	4	0	0	4	4	15	15	10	60	3 Hours
7	ME1323	Dynamics Of Machinery	3	0	0	3	3	15	15	10	60	3 Hours
8	ME1324	Lab. : Dynamics Of Machinery	0	0	2	2	1			40	60	
9	Open Elective-I		3	0	0	3	3	15	15	10	60	3 Hours
	ME1315	OE-I:Operations Research Techniques										
	ME1317	OE-I:Automobile Engineering										
	ME1321	OE-I:Plastic Engineering										
10	ME1334	Industrial Visit	0	0	1	1	1			100		
Total			20	0	7	27	24					

SIXTH SEMESTER												
1	GE1312	Fundamental of Economics	3	0	0	3	3	15	15	10	60	3 Hours
2	ME1308	Lab. : Machine Drawing	0	0	4	4	2			40	60	
3	ME1310	Energy Conversion	4	0	0	4	4	15	15	10	60	3 Hours
4	ME1311	Lab.: Energy Conversion	0	0	2	2	1			40	60	
5	ME1312	Computer Aided Design	3	1	0	4	4	15	15	10	60	3 Hours
6	ME1313	Lab.: Computer Aided Design	0	0	2	2	1			40	60	
7	ME1320	Control System Engineering	3	1	0	4	4	15	15	10	60	3 Hours
8	Open Elective-II		3	0	0	3	3	15	15	10	60	3 Hours
	ME1331	OE-II:Total Quality Management										
	ME1332	OE-II:Reliability Engineering										
	ME1333	OE-II:Power Generation Engineering										
9	ME1325	Seminar Based On Mini Project	0	0	2	2	1			100		
Total			16	2	10	28	23					

Chairperson		Version	1.00	Applicable for AY 2016-17 Onwards
Dean (Acad. Matters)		Date of Release	May 2016	



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Sl. No.	Sub Code	Subject	CONTACT HOURS				Credits	% Weightage				ESE Duration
			Lecture	Tutorial	Practical	Total		MSE-I	MSE-II	TA	ESE	
1	ME1447	Production Management	3	0	0	3	3	15	15	10	60	3 Hours
2	ME1448	Design Of Mechanical Drives	3	0	0	3	3	15	15	10	60	3 Hours
3	Professional Elective - I		4	0	0	4	4	15	15	10	60	3 Hours
	ME1401	PE-I: Tool Design										
	ME1402	PE-I: Material Handling Systems										
	ME1404	PE-I: Engineering Of Plastics										
	ME1405	PE-I: Project Evaluation & Management										
	ME1449	PE-I: Computational Fluid Dynamics										
	ME1456	PE-I: Advanced Manufacturing Techniques										
	ME1461	PE-I: Rapid Prototyping										
	ME1462	PE-I: Fuel Cells Technology										
ME1453	PE-I: Value Engineering											
4	Professional Elective - II		4	0	0	4	4	15	15	10	60	3 Hours
	ME1408	PE-II: Synthesis Of Mechanism										
	ME1409	PE-II: Finance & Cost Management										
	ME1410	PE-II: Renewable Energy System										
	ME1411	PE-II: Artificial Intelligence										
	ME1412	PE-II: Maintenance Management										
	ME1452	PE-II: Design of Optimization Using Taguchi Method										
	ME1466	PE-II: Design For Manufacturing & Assembly										
	ME1467	PE-II: Quantitative Techniques										
ME1468	PE-II: Solar Energy and It's Utilization											
5	Professional Elective - III		4	0	0	4	4	15	15	10	60	3 Hours
	ME1406	PE-III: Finite Element Methods										
	ME1417	PE-III: CIM										
	ME1419	PE-III: I.C. Engines										
	ME1421	PE-III: Refrigeration & Air Conditioning										
	ME1445	PE-III: Mechatronics										
	ME1469	PE-III: Refrigeration & Cryogenics										
ME1476	PE-III: Machine Tool Design											
6	Lab.:Professional Elective - III		0	0	2	2	1			40	60	
	ME1407	Lab. : PE-III: Finite Element Methods										
	ME1418	Lab. : PE-III: CIM										
	ME1420	Lab. : PE-III: I.C. Engines										
	ME1422	Lab. : PE-III: Refrigeration & Air Conditioning										
	ME1446	Lab. : PE-III: Mechatronics										
	ME1470	Lab. : PE-III: Refrigeration & Cryogenics										
ME1477	Lab. : PE-III: Machine Tool Design											
7	ME1433	Project Phase-I	0	0	4	4	4			40	60	
8	ME1434	Industrial Training / CRT	0	0	0	0	2			100		
Total			18	0	6	24	25					

Chairperson	<i>Bhanni</i>	Version	1.01	Applicable for AY 2017-18 Onwards
Dean (Acad. Matters)	<i>Anurag</i>	Date of Release	May 2017	



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Department of Electrical Engineering

20th Board of Studies in Electrical Engineering Minutes of the Meeting

Date: 29 July 2017

Meeting of the Board of Studies (BoS) in Electrical Engineering was held on Saturday 29th July 2017 at 12 noon 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	21	Mr.B.S.Sudame
2.	Dr.G.H.Agrawal(VC Nominee)	22	Mr.A.R.Tikle
3.	Mr. B. Y. Bagde	23	Ms.R.J.Bansod
4.	Dr. S. G. Kadwane	24	Ms.J.M.Kumbhare
5.	Dr. P. M. Meshram	25	Madhura Deshmukh
6.	Mr. S. S. Gokhale	26	Bhavika Shah
7.	Mr. R. N. Nagpure	27	Manoj Waghmare
8.	Dr.S.P.Adhau	28	Mr. P. S. Shete
9.	Mrs.A.Y.Fadnis	29	Mr.A.A.Joshi
10.	Mr.R.M.Gimonkar	30	S.L.Tiwari
11.	Dr.S.P.Gawande	31	Ms.T.D.Tembhekar
12.	Mr.P.S.Patil	32	Mr.K.A.Onkar
13.	Ms.S.B.Rewatkar	33	Ms.R.S.Pawar
14.	Dr.C.M.Sakode	34	Ms.A.D.Bonde
15.	Mrs.Xma R.Pote	35	Ms.S.S.Ghadyalji
16.	Mrs.N.T.Sahu(Shrirao)	36	Mr.A.V.Hardas
17.	Mr.P.B.Joshi	37	V.R.Doifode
18.	Mrs.Ujjwala Waghmare	38	Ms.N.P.Wasnik
19.	Mr.A.S.Lilhare		
20.	Mr.Rohan Khonde		

Leave of absence was granted to:

S. N.	Name	S. N.	Name
1	Dr.M.R.Ramteke(Academic)	5	Mr.H.C.Mandhanian
2	Dr.S.S.Bhat(Academic)	6	Mr.A.P.Munshi
3	Mr.S.D.Abhyankar(Industry)	7	Mr.G.C.Gondhalekar
4	Mr.Prashant Ingale(Alumni)	8	Mr.J.A.Shaikh



Department of Electrical Engineering

Following agenda was deliberated in the meeting

20.01	<p>Welcome of new members</p> <p>Ms. Akshaya Bonde</p> <p>Ms. Rutuja Pawar</p> <p>Ms. Shweta Ghadyalji</p> <p>Mr. Ameya Hardas</p> <p>Mr. Kunal Onkar</p>
20.02	<p>Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.</p> <ul style="list-style-type: none">• Minutes of 19th BoS Meeting
20.03	<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> <ul style="list-style-type: none">• No suggestions
20.04	<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">• Modification suggested in Subject of M.Tech III Semester PE-IV-EL1938- Power Electronics for Renewable Energy Systems *Annexure A
20.05	<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>Modification suggested in Subject of</p> <ul style="list-style-type: none">• EL1431 Advance Control System (PEII, VII Semester)• EL1901 Advance Power Electronics (M.Tech I Semester) <p>*Annexure B</p>
20.06	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-Graduate and Post Graduate programs.</p> <p>Modification suggested in Subject of</p> <p>EL1204 Electrical Machines I</p> <p>EL1208 Electrical Machines II</p>

**Department of Electrical Engineering**

	EL1404 Computer Applications in Electrical Engineering *Annexure C
20.07	To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board. <ul style="list-style-type: none">• ESE Theory Exam of First year and third semester students should be scheduled together for the benefit of Diploma students.
20.08	To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum. <ul style="list-style-type: none">• No suggestions
20.09	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 ODD Term 2017-18 <ul style="list-style-type: none">• Panel of Paper setters, moderators and valuers were included in the list of YA 11.
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 ODD Term 2017-18 <ul style="list-style-type: none">• Panel of Paper Setters, and Evaluators were included in the list of YA 11.
20.11	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 2017-18 Panel of Internal and External examiners were included in the list of YA 12
20.12	Preparation of Electronic question Bank for V and VI Sem UG courses To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM EL1205: EMI Validation completed EL1201: NA Validation on 5th August EL1203 : EMC I Validation on 10th August EE1215 : Analog Electronics Under progress IV Sem. Question Bank will be ready by Nov. 2017. V & VI Sem. Question Bank will be ready by April 2018.

**Department of Electrical Engineering**

20.13

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

- a) **The fees for Grievance Application should be increased to Rs.1000 to discourage students from taking undue advantage of grievance system. However, at the same time, dept. suggests to return Rs. 900/- of those students whose marks are increased.**

After the declaration of grievance result, a report in the following format shall be circulated amongst all the staff members.

Examinees Details	Course Name Course Code	First Valuation		Second Valuation		Third Valuation	
		Marks	Name of Valuer	Marks	Name of Valuer	Marks	Name of Valuer
Semester Degree Branch Name Registration No.							

Interested Faculties shall be allowed to see valuation done by Second and Third Valuer so that mistakes during original valuation will be minimized.

If the change in marks is more than 15% then third valuer should be involved.

If the change in marks is above 35% then the 3rd valuer will do the valuation in front of 1st and 2nd valuer.


- b) **The masking of students identity, valuer's identity and marks awarded should be done in grievance cases.**
- c) **The grievance form shall be accepted if signed by valuer/subject teacher/Sr. teacher only.**
- d) **MSPA should be only two evaluations instead of four.**


20.14

Any other matter with the permission of the Chair.

No other matter was come for discussion.

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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Hingna Road, Wanadongri, Nagpur.

DEPARTMENT OF ELECTRICAL ENGINEERING

BoS MEETING (29/07/2017)

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



17-18 2018

Department of Electrical Engineering**21st Board of Studies in Electrical Engineering
Minutes of the Meeting**

Date: 06 January 2018

Meeting of the Board of Studies (BoS) in Electrical Engineering was held on Saturday 6th January 2018 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.	Dr. R. M. Moharil(Chairman,BoS)	21	Mr.B.S.Sudame
2.	Dr.G.H.Agrawal(VC Nominee)	22	Mr.P.S.Patil
3.	Dr.M.R.Ramteke(Academic)	23	Mr.Rohan Khonde
4.	Mr.Prashant Ingale(Alumni)	24	Manoj Waghmare
5.	Mr. B. Y. Bagde	25	Mr. P. S. Shete
6.	Dr. S. G. Kadwane	26	Mr.A.A.Joshi
7.	Dr. P. M. Meshram	27	Mr.K.A.Onkar
8.	Mr. S. S. Gokhale	28	Ms.R.S.Pawar
9.	Mr. R. N. Nagpure	29	Ms.A.D.Bonde
10	Dr.S.P.Adhau	30	Ms.S.S.Ghadyalji
11	Mrs.A.Y.Fadnis	31	Mr.A.V.Hardas
12	Mr.R.M.Gimonkar	32	V.R.Doifode
13	Dr.S.P.Gawande	33	Ms.N.P.Wasnik
14	Ms.S.B.Rewatkar	34	Mr.A.R.Tikle
15	Mrs.Xma R.Pote	35	Mrs.Ujjwala Waghmare
16	Mrs.N.T.Sahu(Shrirao)	36	Mr.G.C.Gondhalekar
17	Mr.P.B.Joshi	37	Mr.S.R.Gaigowal
18	S.L.Tiwari		
19	Ms.T.D.Tembhekar		
20	Mr.A.P.Munshi		

Leave of absence was granted to:

S. N.	Name	S. N.	Name
1	Dr.S.S.Bhat(Academic)	5	Ms.Bhavika Shah
2	Mr.S.D.Abhyankar(Industry)	6	Ms.J.M.Kumbhare
3	Mr.A.S.Lilhare	7	Ms.R.J.Bansod
4	Mr.J.A.Shaikh	8	

**Department of Electrical Engineering**

Following agenda was deliberated in the meeting

21.01	Welcome of new members Ms. Harsha P. Kukde
21.02	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting. Minutes of 20th BoS Meeting were confirmed
21.03	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 <ul style="list-style-type: none">▪ EL1210 :Lab: Matlab programming to be renamed as Computer Programming▪ EL1403 and EL1404: Computer Applications in Electrical Engineering is to be renamed as Computer Methods in Power System (Theory and Practical)
21.04	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. <ul style="list-style-type: none">▪ Suggestions regarding First year Subject: Electrical Engineering *Annexure A
21.05	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. <ul style="list-style-type: none">▪ No Suggestions
21.06	To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-Graduate and Post-Graduate programs. <ul style="list-style-type: none">▪ EL1102: Lab: Electrical Engineering▪ EL1202: Lab: Network Analysis▪ EL1434: Lab: Renewable Energy Sources *Annexure B



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

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

Department of Electrical Engineering

21.07	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post-graduate programs conducted under the Board.</p> <ul style="list-style-type: none">▪ No Suggestions
21.08	<p>To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.</p> <ul style="list-style-type: none">▪ No Suggestions
21.09	<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 2017-18</p> <ul style="list-style-type: none">• Panel of Paper setters, moderators and valuers were included in the list of YA 11.
21.10	<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 EVEN Term 2017-18</p> <ul style="list-style-type: none">• Panel of Paper setters, valuers were included in the list of YA 11.
21.11	<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 2017-18</p> <ul style="list-style-type: none">• Panel of Internal and External examiners were included in the list of YA 12
21.12	<p>Preparation of Electronic Question Bank for V and VI Semester UG courses To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM</p> <ul style="list-style-type: none">• Preparation of Electronic Question Bank for V Semester UG courses have started• Review process of solutions for III & IV Semester is in progress.
21.13	<p>To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.</p> <ul style="list-style-type: none">▪ MSPA should be only two evaluations instead of four.▪ Internal assessment of 100 marks for lab courses should be by



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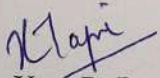
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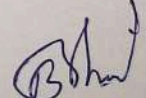
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Department of Electrical Engineering

	faculty for 2 nd and 3 rd year or End Semester Exam (Lab courses) with no external examiner for evaluation for 2 nd & 3 rd year.
21.14	<p>To prepare and propose Scheme of Examination 2018 for UG and PG programmes.</p> <ul style="list-style-type: none">▪ Proposed Scheme of Examination 2018 for UG is prepared. <u>Suggestions from expert</u>▪ Not more than 2 practicals and not more than 4 Theory subjects in Any Semester as per oral discussion in AICTE▪ Combined Lab can be planned as per Pune University▪ At VIIIth Semester level 1 subject can be introduced which may include Knowledge of Mutual Fund, Banking, Shares, Indian Constitution▪ More discussion on SoE 2018-19 is required before finalising.
21.15	<p>Any other matter with the permission of the Chair.</p> <p>Regarding Proposed SoE 2018-19</p> <ul style="list-style-type: none">▪ Re frame Syllabus of EMC-I, EMC II and Electrical Drives▪ EMF and Signal and Systems Syllabus to be combined (Discuss)▪ Lab of Simulations in Power System can be removed▪ Lab: Simulation in Power Electronics and Drives to be renamed as Simulation of Power System and Power Electronics▪ <u>The External experts have given the consent to HoD for further discussion and finalization of the SoE</u>

The meeting concluded with thanks to the Chair.


Mrs. Xma R. Pote
Secretary (BoS)


Dr. R.M. Moharil
Chairman (BoS)



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Hingna Road, Wanadongri, Nagpur.

DEPARTMENT OF ELECTRICAL ENGINEERING
Session 2017-18
BoS MEETING

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

Boards of Studies in Electronics Engineering

Minutes of the Meeting No. 21

Meeting No. 21,

Date:3rd August 2017

Meeting no. 21 of the Board of Studies in Electronics Engineering was held on 3rd August 2017 at 11.00AM in the Department library of Electronics Engineering department.

The meeting was attended by the following members of BOS.

- | | | |
|------------------------|-------------------------|------------------------|
| 1. Dr.R.B.Deshmukh | 15. Ms. P. P. Palsodkar | 29. V.D. Alagdeve |
| 2. Dr.K.D.Kulat | 16. Ms.T.G.Panse | 30. S.K. Mohod |
| 3. Dr.A.S.Khobragade | 17. Ms.R. S. Balpande | 31. A.A.Peshettiwar |
| 4. Mr. S.M.Kakde | 18. Ms. M.N.Kalbande | 32. Ms. Y. A. Gaidhani |
| 5. Dr.S.V.Rathkantiwar | 19. Mr. P.M. Palsodkar | 33. S.C.Sangewar |
| 6. Prof.M. S. Pawar | 20. S. R.Nitanavare | 34. P.N.Bhagat |
| 7. Dr.P.T.Karule | 21. A.D.Tijare | 35. R.S.Keote |
| 8. Dr.P.K.Dakhole | 22. S. A.Dhondse | 36. S.U.Patinge |
| 9. Dr.R.D.Thakare | 23. A.A. Parkhi | 37. A.P.Malode |
| 10. Dr.A.V.Bapat | 24. K.G.Pande | 38. P.N.Tajne |
| 11. Mr. A. V. Gokhale | 25. P.A.Jadhav | |
| 12. Ms. P. P. Zode | 26. Somulu G. | |
| 13. Mr.S.Y.Ambatkar | 27. Mr.A.B.Thatere | |
| 14. Mr. P. P. Zode | 28. Preeti Bhagat | |

Leave of absence was granted to

1.Dr.S.S.Limaye
5.P.Maturkar

2.Mr.S.Bhoyar

3.Dr.U.S.Ghodeswar

4.Ms.V. Shrivastav



Nagar YuwakShikshanSanstha's

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Department of Electronics Engineering

Boards of Studies in Electronics Engineering

Minutes of the Meeting No. 21

Meeting No. 21,

Date: 3rd August 2017

Meeting no. 21 of the Board of Studies in Electronics Engineering was held on 3rd August 2017 at 11.00AM in the Department library of Electronics Engineering department.

The meeting was attended by the following members of BOS.

- | | | |
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| 1. Dr.R.B.Deshmukh | 15. Ms. P. P. Palsodkar | 29. V.D. Alagdeve |
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5.P.Maturkar

2.Mr.S.Bhoyar

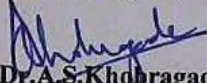
3.Dr.U.S.Ghodeswar 4.Ms.V. Shrivastav


The following agenda points were deliberated in the meeting


21.01	<p>Welcome of new members :- Dr. S.V.Rathkantiwar, Ex-HoD & Ex-Chairman BoS Electronics Engineering welcomed all members of BoS. Dr.A.S.Khobragade, took a charge of HoD from 10th July 2017, & therefore as per academic regulation he is new Chairman, BoS, Electronics Engineering from session 2017-18 onwards. Past chairman welcomed new Chairman & handed over the charge for further proceedings of the meeting.</p> <p>Nomination of Eternal Experts on The BoS. BoS proposed names of external experts on BoS for further recommendations : 1) Dr. K.D.Kulat, VNIT, Nagpur - Subject expert from outside the college 2) Dr. R.B.Deshmukh, VNIT, Nagpur - Subject expert from outside college 3) Mr. Unmesh Oke, Unique Automation, IT Park, Nagpur - Representative from industry 4) Mr.S.Bhoyar - Postgraduate meritorious alumnus</p>
21.02	<p>Installation of member Secretary Chairman constituted new committee under EX14.1 as under : Dr.A.S.Khobragade – Chairman Mr. Sandeep Kakde – Member Secretary Prof. S.Y.Ambatkar – Senior Member Prof. R.D.Thakare – Invitee Member</p>
21.03	<p>To confirm the minutes of 20th Meeting of BoS. :-The minutes of the 20th Meeting of BoS in Electronics Engineering held on 3rd Feb 2017 were placed on the table by Ex-Chairman Dr.S.V.Rathkantiwar were confirmed unanimously.</p>
21.04	<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 No Change.</p>
21.05	<p>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</p> <ul style="list-style-type: none"> ▪ Refinement of Course Objectives and Course Outcomes proposed for Autonomous Scheme 2014. ▪ Minor modifications in the Experiment List of Electronic Devices and Network Analysis should be modified. ▪ Review of Refinement of all Course Objectives and course outcomes is suggested from Senior Faculty. ▪ Modification in Syllabus of Network Analysis is suggested using Electronics Engineering point of view rather than Electrical engineering Approach.
21.06	<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> <ul style="list-style-type: none"> ▪ IEEE Transactions in References(Only for PG Courses) ▪ Book for VLSI For Wireless Communication (M.Tech III Sem) , Prentice Hall Communications Engineering and Emerging Technologies Series) by Behzad Razavi
21.07	<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> <ul style="list-style-type: none"> ▪ Minor modifications in the Experiment List of Electronic Devices and Network Analysis should be modified.
21.08	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board. No change.</p>
21.9	<p>To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum. No Change.</p>


21.10	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 2017-18. :-The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs for End Semester Examination of ODD Term 2017-18 was constituted.
21.11	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 2017-18. :-The panel of paper setters, Moderators and Valuers for the various theory courses at Postgraduate programs for End Semester Examination of ODD Term 2017-18 is as follows.
21.12	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 2017-18. :-The panel of internal and external examiners for the various laboratory courses at UG and PG levels for End Semester Examination of Odd Term 2017-18 was constituted.
21.13	To review the preparation of solutions to all questions of Electronic Question Banks for all courses of III and IV SEM. Preparation of Electronic question Bank for V and VI Sem UG courses. <ul style="list-style-type: none"> ▪ Infeasibility in solution preparation as subject syllabi is subject to change with technology variation. ▪ Already standard text books and solutions are available.
21.14	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses. No Change
21.15	Any other matter with the permission of the Chair. Formal Thanks to Ex-chair person and member secretary.

The meeting was concluded with thanks to the Chair.


Dr. A.S. Khobragade
 Chairman
 BoS in Electronics Engineering


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


Mr. Sandeep Kakde
 Member Secretary
 BoS in Electronics Engineering


Ms. Pradnya P. Zode
 Ex-Member Secretary
 BoS in Electronics Engineering

Date: 3rd August 2017

Composition of Board of Studies in Electronics Engineering

S. No.	Provision	Name of Member	Membership
1.	Head of the department	Dr.A.S.Khobragade	Chairman
2.	Faculty Member	S: M. Kakde	Member Secretary
3.	Faculty Member	Dr.A.V.Bapat	Member
4.	Faculty Member	Dr. P. K. Dakhole	Member
5.	Faculty Member	Dr.S.V.Rathkantiwar	Member
6.	Faculty Member	Dr. P. T. Karule	Member
7.	Faculty Member	Dr. R.D. Thakare	Member
8.	Faculty Member	M.S.Pawar	Member
9.	Faculty Member	A. V. Gokhale	Member
10.	Faculty Member	A. B. Thatere	Member
11.	Faculty Member	S: Y. Ambatkar	Member
12.	Faculty Member	Dr. U. S. Ghodeswar	Member
13.	Faculty Member	P. P. Zode	Member
14.	Faculty Member	Dr. P. P. Palsodkar	Member
15.	Faculty Member	Ms. P. P. Zode	Member
16.	Faculty Member	Ms. T. G. Panse	Member
17.	Faculty Member	Ms. M. N. Kalbande	Member
18.	Faculty Member	Ms. Y. A. Gaidhani	Member
19.	Faculty Member	Ms. R. S. Balpande	Member
20.	Faculty Member	Dr.P. M. Palsodkar	Member
21.	Faculty Member	Ms. A. D. Tijare	Member
22.	Faculty Member	S. Goguluthu	Member
23.	Faculty Member	V. D. Alagdeve	Member
24.	Faculty Member	P.A.Jadhav	Member
25.	Faculty Member	Ms. R. S. Keote	Member
26.	Faculty Member	Ms. S. S. Tidke	Member

27.	Faculty Member	A. A. Parkhi	Member
28.	Faculty Member	Ms. S. A. Dhondse	Member
29.	Faculty Member	A. A. Peshettiwar	Member
30.	Faculty Member	Kuldeep Pande	Member
31.	Faculty Member	P.C.Chodhary	Member
32.	Faculty Member	S.Mohod	Member
33.	Faculty Member	S.Sangewar	Member
34.	Faculty Member	P.N.Bhagat	Member
35.	Faculty Member	S.U.Patinge	Member
36.	Faculty Member	A.P.Maolde	Member
37.	Faculty Member	P.N.Tajne	Member
38.	Faculty Member	Ms.V.Shrivastav	Member
39.	Faculty Member	Mr.Tundalwar	Member
40.	Faculty Member	Ms.Preeti Bhagat	Member
41.	Subject expert from outside the college to be nominated by the Academic Council.	Dr. R.B.Deshmukh, VNIT, Nagpur	Member
42.		Dr. K.D.Kulat, VNIT, Nagpur	Member
43.	Expert nominated by the vice-chancellor	Dr.S.S.Limaye	Member
44.	Representative from industry/corporate sector/allied area relating to placement.	Mr. Unmesh Oak	Member
45.	Postgraduate meritorious alumnus nominated by the Principal	Mr. Shrikant Bhoyar	Member

3rd Semester
OLD

EE1202	Lab.: Electronic Devices (old)	L = 0	T = 0	P = 2	Credits= 1
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Evaluation Scheme	Continuous Evaluation	ESE	Total	ESE Duration
	40	60	100	

Objective	Outcomes
<p>➤ The purpose of this course is to study basic concepts, DC circuits, AC circuits, semiconductors, semiconductor devices, power supply, bipolar and field effect transistor amplifiers, frequency response of amplifier and Power devices.</p>	<ol style="list-style-type: none"> 1. Graduates will have a fair practical knowledge about the working of PN junction diodes and zener diodes. 2. Graduates will understand the basic working rectifiers and biasing of transistors. 3. Graduates will understand the Working of FET & MOSFET. 4. Graduates will understand the fundamentals of amplifiers & power devices.

Expt. No.	Name of Experiment
1	To plot the V- I characteristics of PN junction diode (Silicon and Germanium) and perform simulation in Microcap.
2	Zener shunt regulator and perform simulation in Microcap.
3	Half wave and full wave rectifier with and without capacitive filter and perform simulation in Microcap.
4	To plot I/P & O/P Characteristics of Common Base Transistor Configuration. Find I/P& O/P Resistance and Current Gain.
5	To plot I/P & O/P Characteristics of Common Emitter Transistor Configuration. Find I/P& O/P Resistance and Current Gain.
6	Fixed Bias circuit of transistor.
7	Self Bias circuit of transistor
8	The Drain and Transfer characteristics of Field Effect Transistor (FET) in CS mode.
9	The Drain and Transfer characteristics of Metal Oxide Semiconductor Field Effect Transistor (MOSFET) in CS mode.
10	Frequency response of Feedback Amplifier.

3rd Semester
(NEW)

EE1202	Lab.: Electronic Devices	L = 0	T = 0	P = 2	Credits= 1
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Evaluation Scheme	Continuous Evaluation	ESE	Total	ESE Duration
	40	60	100	

Objective	Outcome
<ul style="list-style-type: none"> > The purpose of this course is to present a clear consistent picture of the internal physical behavior of many electronic devices so that their studies of electronic circuit and system will be meaningful. > The purpose of this course is to introduce to the students, the basics of biasing of transistor circuits, feedback amplifiers & analyzing different two port devices. 	<p>Students will be able</p> <ol style="list-style-type: none"> 1. To understand the concepts of Energy Bands, Charge Carriers and various semiconductor devices like diodes and BJT 2. Be familiarized with semiconductor device fabrication processes. 3. To understand various configurations and their characteristics for BJT and MOSFET amplifiers 4. To understand the concepts of Stabilization and operating points of BJT and MOSFET amplifiers

Expt. No.	Name of Experiment
1	To plot the V- I characteristics of PN junction diode (Silicon and Germanium) and perform simulation in LT-Spice.
2	To plot the V- I characteristics of Zener shunt regulator.
3	To determine the Ripple factor and efficiency of Half wave and full wave rectifier with and without capacitive filter and perform simulation in LT-Spice.
4	To plot I/P & O/P Characteristics of Common Base Transistor Configuration. Find I/P & O/P Resistance and Current Gain.
5	To plot I/P & O/P Characteristics of Common Emitter Transistor Configuration. Find I/P & O/P Resistance and Current Gain.
6	Analysis of Fixed Bias circuit of transistor.
7	Analysis of Self Bias circuit of transistor
8	To plot the Drain and Transfer characteristics of Field Effect Transistor (FET) in CS mode.
9	To plot the Drain and Transfer characteristics of Metal Oxide Semiconductor Field Effect Transistor (MOSFET) in CS mode.
10	Mini Project

3rd Semester
OLD

EE1202	Lab.: Electronic Devices (old)	L = 0	T = 0	P = 2	Credits= 1
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Evaluation Scheme	Continuous Evaluation	ESE	Total	ESE Duration
	40	60	100	

Objective	Outcomes
<p>➤ The purpose of this course is to study basic concepts, DC circuits, AC circuits, semiconductors, semiconductor devices, power supply, bipolar and field effect transistor amplifiers, frequency response of amplifier and Power devices.</p>	<ol style="list-style-type: none"> 1. Graduates will have a fair practical knowledge about the working of PN junction diodes and zener diodes. 2. Graduates will understand the basic working rectifiers and biasing of transistors. 3. Graduates will understand the Working of FET & MOSFET. 4. Graduates will understand the fundamentals of amplifiers & power devices.

Expt. No.	Name of Experiment
1	To plot the V- I characteristics of PN junction diode (Silicon and Germanium) and perform simulation in Microcap.
2	Zener shunt regulator and perform simulation in Microcap.
3	Half wave and full wave rectifier with and without capacitive filter and perform simulation in Microcap.
4	To plot I/P & O/P Characteristics of Common Base Transistor Configuration. Find I/P& O/P Resistance and Current Gain.
5	To plot I/P & O/P Characteristics of Common Emitter Transistor Configuration. Find I/P& O/P Resistance and Current Gain.
6	Fixed Bias circuit of transistor.
7	Self Bias circuit of transistor
8	The Drain and Transfer characteristics of Field Effect Transistor (FET) in CS mode.
9	The Drain and Transfer characteristics of Metal Oxide Semiconductor Field Effect Transistor (MOSFET) in CS mode.
10	Frequency response of Feedback Amplifier.

3rdSemester

EL1201-EE	Network Analysis(old)	L= 3	T=1	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

Course Objective	Course Outcome
<ul style="list-style-type: none"> ➤ To understand basic of circuits elements and energy sources ➤ To know the fundamental theory and mathematics for the analysis of electrical circuits. 	<p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> 1. Analyze electrical circuits with nodal analysis. 2. Analyze electrical circuits with Mesh analysis. 3. Apply network theorems to analyze electrical circuits. 4. Evaluate the initial and final values of current and voltage of electric circuits and to know basic of Laplace Transform. 5. Understand Laplace Transform of various types of signals and able to determine the time response from pole zero plot. 6. Apply the concept of two – port networks to find different two-port parameters.

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 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.

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. 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.

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.

UNIT-6: Two Port Parameters

Standard reference directions for the voltages and currents of a two – port network, defining equations for open circuit impedance, short circuit admittance, transmission, inverse transmission, hybrid and inverse hybrid parameters, relationships between parameter sets, conditions for reciprocity and electrical

symmetry in terms of two – port parameters.

Text books:

1	Network Analysis	3 rd Edition	M. E. Van Valkenburg	PHI Learning Private Limited
2	Engineering Circuit Analysis	8 th Edition	William H. Hayt, Jack E. Kemmerly, Steven M. Durbin	McGraw – Hill
3	Linear Circuit Analysis	2 nd Edition	Decarlo, Lin	Oxford Univ. Press

Reference books:

1	Schaum's 3000 Solved Problems In Electric Circuits Book 1 & 2	1 st Edition	Syed A. Nasar	McGraw - Hill
2	Schaum's Outline Series: Theory and Problems of Electric Circuits	5 th Edition	Joseph A. Edminister	McGraw - Hill
3	Basic Circuit Theory	3 rd Edition	Lawrence P. Huelsman	PHI Learning Private Limited

3rd Semester

EL1202-EE	Lab. : Network Analysis	L= 0	T=0	P=2	Credits=1
Evaluation Scheme	TA	ESE	Total		ESE Duration
	40	60	100		---

Minimum Eight Practical are to be performed from the following list.

1. Verification of Superposition Theorem.
2. Verification of Thevenin's Theorem.
3. Verification of Norton's Theorem.
4. Verification of Maximum Power Transfer Theorem.
5. Verification of Reciprocity Theorem.
6. Verification of compensation Theorem.
7. Determination of Transfer function of Two port network.
8. Determination of Z & Y parameters of Two port Network.
9. Study of interconnection of Two port network.
10. Study of three phase three wire star connected unbalanced load.

P=2 Credits=1

ESE Duration

EL1201	Network Analysis (New)	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

Objectives	Outcomes
<p>The basic objective of this course is to introduce students to the fundamental theory and mathematics for the analysis of electrical circuits. Through the material presented in this course, students will learn:</p> <ul style="list-style-type: none"> ➤ To understand basic of circuits elements and energy sources ➤ To know the fundamental theory and Mathematics for the analysis of electrical circuits. 	<p>On successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> 1. Apply and analyze nodal and mesh analysis on engineering circuits 2. Apply network theorems, initial and final conditions to analyze electrical circuits 3. Understand, apply and analyze electrical circuits in transform domain 4. Apply the concept of two – port networks to find different two-port parameters.

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 and duality, 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 super mesh 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 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-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.

Text book:

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

Sudhakar, A., Shyammohan, S. P.; "Circuits and Network"; Tata McGraw-Hill New Delhi, 1994.

A William Hayt, "Engineering Circuit Analysis" 8th Edition, McGraw-Hill Education.

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	Lab : Network Analysis	L = 0	T = 0	P = 2	Credits = 1
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Evaluation Scheme	Continuous Evaluation	ESE	Total	ESE Duration
	40	60	100	

Objective	Outcomes
This laboratory course will give a thorough knowledge about the PSPICE simulation of various electrical circuit analyses.	<ol style="list-style-type: none"> 1. Students will be able to understand the use of PSPICE simulation commands 2. Students will be able to understand the use of PSPICE simulator to find the current and voltage of any complex electrical circuit. 3. Students will be able to understand the use of PSPICE simulator to apply any network theorem on any electrical circuit.

Expt. No.	Name of Experiment	Mapping
1	Introduction To PSPICE Software.	CO1,CO2
2	Verification of Kirchhoff's law.	CO1,CO2
3	Perform nodal analysis on complex electrical circuits	CO1,CO2
4	Perform mesh analysis on complex electrical circuits.	CO1,CO2
5	Verification of Superposition Theorem.	CO1,CO2,CO3
6	Verification of Thevenin's Theorem.	CO1,CO2,CO3
7	Verification of Norton's theorem.	CO1,CO2,CO3
8	Verification of Maximum power transfer theorem.	CO1,CO2,CO3
9	Determinations of Transfer function of Two port network.	CO1,CO2
10	Determination of Z & Y parameters of Two port Network.	CO1,CO2

EE1201	Network Analysis	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

Objectives	Outcomes
<p>The basic objective of this course is to introduce students to the fundamental theory and mathematics for the analysis of electrical circuits. Through the material presented in this course, students will learn:</p> <ul style="list-style-type: none"> ➤ To understand basic of circuits elements and energy sources ➤ To know the fundamental theory and Mathematics for the analysis of electrical circuits. 	<p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> 1. Analyze electrical circuits with nodal analysis. 2. Analyze electrical circuits with Mesh analysis. 3. Apply network theorems to analyze electrical circuits. 4. Evaluate the initial and final values of current and voltage of electric circuits and to know basic of Laplace Transform. 5. Understand Laplace Transform of various types of signals and able to determine the time response from pole zero plot. 6. Apply the concept of two – port networks to find different two-port parameters.

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 and duality, 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 super mesh 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 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-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.

Text book:

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

Sudhakar, A., Shyammohan, S. P.; "Circuits and Network"; Tata McGraw-Hill New Delhi, 1994.

A William Hayt, "Engineering Circuit Analysis" 8th Edition, McGraw-Hill Education.

EE2208	Lab : Network Analysis	L = 0	T = 0	P = 2	Credits = 1
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Evaluation Scheme	Continuous Evaluation	ESE	Total	ESE Duration
	40	60	100	

Objective	Outcomes
This laboratory course will give a thorough knowledge about the PSPICE simulation of various electrical circuit analyses.	<ol style="list-style-type: none"> 1. Students will be able to understand the use of PSPICE simulation commands 2. Students will be able to understand the use of PSPICE simulator to find the current and voltage of any complex electrical circuit. 3. Students will be able to understand the use of PSPICE simulator to apply any network theorem on any electrical circuit.

Expt. No.	Name of Experiment	Mapping
1	Introduction To PSPICE Software.	CO1,CO2
2	Verification of Kirchhoff's law.	CO1,CO2
3	Perform nodal analysis on complex electrical circuits	CO1,CO2
4	Perform mesh analysis on complex electrical circuits.	CO1,CO2
5	Verification of Superposition Theorem.	CO1,CO2,CO3
6	Verification of Thevenin's Theorem.	CO1,CO2,CO3
7	Verification of Norton's theorem.	CO1,CO2,CO3
8	Verification of Maximum power transfer theorem.	CO1,CO2,CO3
9	Determinations of Transfer function of Two port network.	CO1,CO2
10	Determination of Z & Y parameters of Two port Network.	CO1,CO2



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Department of Electronics Engineering

Boards of Studies in Electronics Engineering

Minutes of the Meeting No. 22

Meeting No. 22,

Date: 23rd January 2018

Meeting-no. 22 of the Board of Studies in Electronics Engineering was held on 23rd January 2018 12.30 P.M. in the Department library of Electronics Engineering department.

The meeting was attended by the following members of BoS.

- | | | |
|-------------------------|-------------------------|------------------------|
| 1. Dr.R.B.Deshmukh | 15. Ms. P. P. Palsodkar | 29. V.D. Alagdeve |
| 2. Dr.K.D.Kulat | 16. Ms.T.G.Panse | 30. S.K. Mohod |
| 3. Dr.A.S.Khobragade | 17. Ms.R. S. Balpande | 31. A.A.Peshettiwar |
| 4. Mr. S.M.Kakde | 18. Ms. M.N.Kalbande | 32. Ms. Y. A. Gaidhani |
| 5. Dr.S.V.Rathkanthiwar | 19. Mr. P.M. Palsodkar | 33. S.C.Sangewar |
| 6. Prof.M. S. Pawar | 20. S. R.Nitanavare | 34. P.N.Bhagat |
| 7. Dr.P.T.Karule | 21. A.D.Tijare | 35. R.S.Keote |
| 8. Dr.P.K.Dakhole | 22. S. A.Dhondse | 36. S.U.Patinge |
| 9. Dr.R.D.Thakare | 23. A.A. Parkhi | 37. A.P.Malode |
| 10. Dr.A.V.Bapat | 24. K.G.Pande | 38. P.N.Tajne |
| 11. Mr. A. V. Gokhale | 25. P.A.Jadhav | |
| 12. Ms. P. P. Zode | 26. Somulu G. | |
| 13. Mr.S.Y.Ambatkar | 27. Mr.A.B.Thatere | |
| 14. Mr. P. P. Zode | 28. Preeti Bhagat | |

Leave of absence was granted to

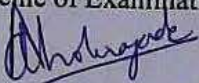
- 1.Dr.S.S.Limaye 2.Mr.S.Bhoyar 3.P.Maturkar

The following agenda points were deliberated in the meeting

22.01	<p>Welcome of new members :- Dr.A.S.Khobragade, took a charge of HoD from 10th July 2017, & therefore as per academic regulation he is new Chairman, BoS, Electronics Engineering from session 2017-18 onwards.</p> <p>Nomination of Eternal Experts on The BoS. BoS proposed names of external experts on BoS for further recommendations : 1) Dr. K.D.Kulat, VNIT, Nagpur - Subject expert from outside the college 2) Dr. R.B.Deshmukh, VNIT, Nagpur - Subject expert from outside college 3) Mr. Unmesh Oke, Unique Automation, IT Park, Nagpur - Representative from industry 4) Mr.S.Bhoyar - Postgraduate meritorious alumnus</p>
22.02	<p>Installation of member Secretary Chairman constituted new committee under EX14.1 as under : Dr.A.S.Khobragade – Chairman Mr. Sandeep Kakde – Member Secretary Prof. S.Y.Ambatkar – Senior Member Prof. R.D.Thakare – Invitee Member</p>
22.03	<p>To confirm the minutes of 21st Meeting of BoS. The minutes of the 21st Meeting of BoS in Electronics Engineering held on 3rd August 2017 were placed on the table by Chairman Dr.A.S.Khobragade were confirmed unanimously.</p>
22.04	<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 No Change.</p>
22.05	<p>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 No Change</p>
22.06	<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. No Change.</p>
22.07	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-and Post Graduate programs. No Change.</p>
22.08	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board. No Change.</p>
22.9	<p>To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum. No Change.</p>
22.10	<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 2017-18. :-The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs for End Semester Examination of EVEN Term 2017-18 was constituted.</p>
22.11	<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 2017-18. :-The panel of paper setters, Moderators and Valuers for the various theory courses at Postgraduate programs for End Semester Examination of EVEN Term 2017-18 was constituted.</p>
22.12	<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 2017-18. :-The panel of internal and external examiners for the various laboratory courses at UG and PG levels for End Semester Examination of Even Term 2017-18 was constituted.</p>

22.13	To review the preparation of solutions to all questions of Electronic Question Banks for all courses of III and IV SEM. Preparation of Electronic question Bank for V and VI Sem UG courses. <ul style="list-style-type: none"> ▪ Infeasibility in solution preparation as subject syllabi is subject to change with technology variation. <p>Already standard text books and solutions are available.</p>
22.14	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses. <p>No Change</p>
22.15	To prepare & propose Scheme of Examination 2018 for UG & PG programmes. <p>The Scheme of Examination 2018 for UG & PG programme is prepared.</p>
22.16	Any other matter with the permission of the Chair <p>Formal Thanks to Eternal Experts on The BoS, BoS Members and member secretary.</p>

The meeting was concluded with thanks to the Chair. BoS Chairman has the authority to final the Scheme of Examination.



Dr. A.S. Khobragade
Chairman
BoS in Electronics Engineering



Mr. Sandeep Kakde
Member Secretary
BoS in Electronics Engineering

Date: 23rd January 2018

Composition of Board of Studies in Electronics Engineering

S. No.	Provision	Name of Member	Membership
1.	Head of the department	Dr.A.S.Khobragade	Chairman
2.	Faculty Member	S. M. Kakde	Member Secretary
3.	Faculty Member	Dr.A.V.Bapat	Member
4.	Faculty Member	Dr. P. K. Dakhole	Member
5.	Faculty Member	Dr.S.V.Rathkantiwar	Member
6.	Faculty Member	Dr. P. T. Karule	Member
7.	Faculty Member	Dr. R.D. Thakare	Member
8.	Faculty Member	M.S.Pawar	Member
9.	Faculty Member	A. V. Gokhale	Member
10.	Faculty Member	A. B. Thatere	Member
11.	Faculty Member	S. Y. Ambatkar	Member
12.	Faculty Member	Dr. U. S. Ghodeswar	Member
13.	Faculty Member	P. P. Zode	Member
14.	Faculty Member	Dr. P. P. Palsodkar	Member
15.	Faculty Member	Ms. P. P. Zode	Member
16.	Faculty Member	Ms. T. G. Panse	Member
17.	Faculty Member	Ms. M. N. Kalbande	Member
18.	Faculty Member	Ms. Y. A. Gaidhani	Member
19.	Faculty Member	Ms. R. S. Balpande	Member
20.	Faculty Member	Dr.P. M. Palsodkar	Member
21.	Faculty Member	Ms. A. D. Tijare	Member
22.	Faculty Member	S. Goguluthu	Member
23.	Faculty Member	V. D. Alagdeve	Member
24.	Faculty Member	P.A.Jadhav	Member
25.	Faculty Member	Ms. R. S. Keote	Member
26.	Faculty Member	Ms. S. S. Tidke	Member
27.	Faculty Member	A. A. Parkhi	Member

28.	Faculty Member	Ms. S. A. Dhondse	Member
29.	Faculty Member	A. A. Peshettiwar	Member
30.	Faculty Member	Kuldeep Pande	Member
31.	Faculty Member	P.C.Chodhary	Member
32.	Faculty Member	S.Mohod	Member
33.	Faculty Member	S.Sangewar	Member
34.	Faculty Member	P.N.Bhagat	Member
35.	Faculty Member	S.U.Patinge	Member
36.	Faculty Member	A.P.Maolde M.S.A.T	Member
37.	Faculty Member	P.N.Tajne	Member
38.	Faculty Member	Ms.V.Shrivastav	Member
39.	Faculty Member	Mr.Tundalwar	Member
40.	Faculty Member	Ms.Preeti Bhagat S.Mohod	Member
41.	Subject expert from outside the college to be nominated by the Academic Council.	Dr. R.B.Deshmukh, VNIT, Nagpur	Member
42.		Dr. K.D.Kulat, VNIT, Nagpur	Member
43.	Expert nominated by the vice-chancellor	Dr.S.S.Limaye	Member
44.	Representative from industry/corporate sector/allied area relating to placement.	Mr. Unmesh Oak	Member
45.	Postgraduate meritorious alumnus nominated by the Principal	Mr. Shrikant Bhojar	Member

Dr. R.B.Deshmukh

Mr.

Mr. S.



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Department of Electronics Engineering

Boards of Studies in Electronics Engineering

Minutes of the Curriculum Development Workshop (CDW-2018)

Meeting No. VI

Date: 20th February 2018

Curriculum Development Workshop for the revision of SoE and syllabi of 3rd and 4th Semester UG under Board of Studies in Electronics Engineering was held on 20th February 2018 from 10.00 AM to 4.00 PM, in the Electronics Engineering department library.

Faculty members of Department of Electronics Engineering attended the meeting. Subject experts were,

1. Dr. K.D. Kulat, VNIT, Nagpur.
2. Dr. R.B. Deshmukh, VNIT, Nagpur.
3. Dr.S.S.Limaye, Professor, Palloti college of Engineering, Nagpur
4. Mr. Unmesh Oke, MD, Unique Automation Systems Pvt. Ltd. Nagpur

The meeting was conducted by Chairman BoS Dr.A.S.Khobragade. The following agenda points were deliberated in the meeting.

Revision of 3rd semester and 4th semester UG Scheme of Examination.

The minor changes in the syllabus

- The minor changes in the syllabus of the nature as given below was done and approved in the meeting.
 - **Reorganization of the units,**
 - **Addition and deletion of some contents in syllabus,**
 - **Restructuring of syllabus etc.**

The list of the subjects for which above points have been performed is given below

I and II Semester:

SN	Semester	OLD Course Codes	Subjects
1	I and II	EE1101	Basic Electronics

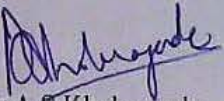
III Semester:


SN	Semester	OLD Course Codes	Subjects
1.	3	EE1201	Electronic Circuits
2.	3	EE1202	Lab: Electronic Circuits
3.	3	EE1306	Signal and Systems
4.	3	--	Lab: Signal and Systems
5.	3	EE1203	Digital Logic Design
6.	3	EE1204	Lab: Digital Logic Design
7.	3	EL1201	Network Analysis
8.	3	EL1202	Lab: Network Analysis

IV Semester:

SN	Semester	Old Course Codes	Subjects
1.	4	EE1208	Electronic Circuits
2.	4	EE1209	Lab: Electronic Circuits
3.	4	EE1210	Microprocessor & Microcontroller Interfacing
4.	4	EE1211	Lab: Microcontroller & Interfacing
5.	4	EE1301	Analog Communication
6.	4	EE1302	Lab.: Analog Communication
7.	4	EE1207	Electromagnetic Fields
8.	4	EE1212	Lab: Simulation Lab/Workshop Lab

The meeting was concluded with thanks to the Chair.


Dr. A. S. Khobragade
Chairman
BoS in Electronics Engineering


Ms. Sandeep Kakde
Member Secretary
BoS in Electronics Engineering

Date: 20-02-2018

27th July, 2017

Notice of Meeting

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

Dear Sir/ Madam,

The **Sixteenth** meeting of the Board of Studies in **Electronics & Telecommunication Engineering** is scheduled on **Monday, 31st July, 2017 at 11:30 AM** in the **Department of Electronics & Telecommunication Engineering, YCCE, Nagpur.**

The agenda for the meeting shall be as follows:

ITEM NO.	AGENDA POINT
16.01	Welcome of new members.
16.02	Installation of member Secretary.
16.03	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.
16.04	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.
16.05	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.
16.06	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.
16.07	To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-Graduate and Post Graduate programs.
16.08	To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.
16.09	To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.
16.10	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 2017-18.
16.11	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 2017-18.



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16.12	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 2017-18.
16.13	Preparation of Electronic question Bank for V and VI Sem UG courses. To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM.
16.14	To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.
16.15	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



Date: 29th July, 2017

Subject : **Notice of 16th BoS Meeting.**

SNo	Faculty	Sign	SNo	Faculty	Sign	SNo	Faculty	Sign
01	Dr. P.L.Zade		13	S.S.Chiwande		25	A.A.Madankar	
02	Dr. M.M.Mushrif		14	A.V.Choudhari		26	R.P.Kamdi	
03	Dr. M.D.Chawhan		15	S.S.Khade		27	D.K.Thote	
04	R.P.Deshmukh		16	C.S.Gode		28	M.S.Patil	
05	Dr. P.W. Raut		17	M.L.Keote		29	M. M. Panchariya	
06	Dr. M.S.Narlawar		18	P.D.Dorge		30	P.D. Gawande	
07	Dr. D.B.Bhoyar		19	V.D. Bondre		31	V.B.Niranjane	
08	Dr. Mrs. Y.U.Chitriv (Dubey)		20	B.Y. Masram		32	P.S. Mawale	
09	A.D.Belsare		21	S.A.Desai		33	Y. Gaidhane	
10	Dr. N.D.Rehpade		22	N.A.Pande		34	S. W. Manjre	
11	Dr. M.S.Dorle		23	M.S.Ghute		35	S.A.Pathak	
12	K.P.Kamble		24	Y. S. Kale				



Minutes of the 16th BOS Meeting

Date: 31st July, 2017

The 16th BOS of **Electronics and Telecommunication Engineering** was held on **31st July, 2017** at 11:30 AM in the Department library.

The meeting was attended by the following members of BOS.

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. P.L.Zade	Member		V.D. Bondre	Member	
2	Dr. M.M.Mushrif	Member	—	B.Y. Masram	Member	
3	Dr. M.D. Chawhan	Member Secretary		S.A.Desai	Member	
4	R.P.Deshmukh	Member		N.A.Pande	Member	
5	Dr. P.W. Raut	Member		M.S.Ghute	Member	
6	Dr. D.B.Bhoyar	Member		Y. S. Kale	Member	
7	Dr. M.S.Narlawar	Member		A.A.Madankar	Member	
8	Dr. Mrs. Y.U.Chitriv Dubey	Member		R.P.Kamdi	Member	
9	A.D.Belsare	Member		D.K.Thote	Member	
10	Dr. N.D.Rehpade	Member		M.S.Patil	Member	
11	Dr. M.S.Dorle	Member		M. M. Panchariya	Member	
12	K.P.Kamble	Member		P.D. Gawande	Member	
13	S.S.Chiwande	Member		V.B.Niranjane	Member	
14	A.V.Choudhari	Member		P.S. Mawale	Member	
16	S.S.Khade	Member	—	Y. Gaidhane	Member	
16	C.S.Gode	Member		S. W. Manjre	Member	
17	M.L.Keote	Member		S.A.Pathak	Member	
18	P.D.Dorge	Member				



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Leave of absence was granted to -

Sr. No	Name
1.	Dr. K. M. Bhurchandi, VNIT, Nagpur
2.	Er. Amar Akre, SAP Controls Pvt. Ltd.
3.	Dr. M.M. Mushrif, Member
4.	Prof. S.S. Khade, Member

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

ITEM NO.	AGENDA POINT
16.01	Welcome of new members BoS Chairman Dr. P. L. Zade welcomes, BoS, Expert from Academic Dr. A.S.Gandhi VNIT, Nagpur and and University nominee Dr. Rajesh S. Pande, RCOEM, Nagpur, and meritorious alumni student Miss Pranjali Jumale to the department of ET, YCCE, Nagpur.
16.02	Installation of member Secretary BoS Chairman : Dr. P. L. Zade, HoD, ET Member Secretary : Dr. M. D. Chawhan, Assoc., Prof. ET Sub-Committee members: All faculties are members of Board of Study.
16.03	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting. The minutes of the 15 th Meeting of BoS in Electronics and Telecommunication Engineering held on 4 th February, 2017 were placed on the table and were confirmed unanimously.
16.04	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 changes have been proposed.



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16.05	<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>Minor changes in the III Semester Subject Network Analysis and VIII semester subject Power Electronics were proposed and approved by the experts.(Copy of proposed syllabus is attached herewith).</p>
16.06	<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>Schaum's Series should be removed from list of reference book in the subject Network Analysis and Kelkar Pandit book to be added as reference book.</p>
16.07	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-Graduate and Post Graduate programs.</p> <p>No changes have been proposed.</p>
16.08	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.</p> <p>No changes have been proposed.</p>
16.09	<p>To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.</p> <p>Massive open online courses (MOOCs) can be taken for few subjects.</p>
16.10	<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 ODD Term 2017-18</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>
16.11	<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 ODD Term 2017-18</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>



16.12	<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 ODD Term 2017-18.</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>
16.13	<p>Preparation of Electronic question Bank for V and VI Sem UG courses.</p> <p>Electronic question bank for fifth and sixth semester preparation is in progress.</p>
16.14	<p>To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.</p> <p>As suggested by experts, the assignments of each subject is to be mapped with CO (Course Outcomes).</p>
16.15	<p>Any other matter with the permission of the Chair.</p> <p>The discussion on whether Network Analysis & Control System laboratory can be introduced in the ET Syllabus. The experts were of the opinion that Circuit simulation, R-L-C circuit (passive Circuits), star-delta, R-L-C band pass Filter experiments can be introduced in the laboratory of respective subjects.</p>

The meeting concluded with thanks to the Chair.

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

Dr. P. L. Zade
Chairman
BoS, ET

Department of Electronics & Telecommunication Engineering

29th November, 2017

Notice of Meeting

To,

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


Dear Sir/ Madam,

The **Emergent** meeting of the Board of Studies in **Electronics & Telecommunication Engineering** is scheduled on **30th November, 2017 at 10:00 AM in Departmental Library.**

The agenda for the meeting shall be as follows:

1. To confirm the minutes of 16th Meeting of BoS.
2. Introduction of new subjects.
 - i. Professional Elective of Eighth Semester ET.
PE-IV- ET-1437 - Display Technology
 - ii. Open Elective of Sixth Semester ET.
OE-II - ET-1343 - Display Technology And Applications
3. Discussion on new scheme.
4. Any other matter with the permission of the chair.

Kindly make it convenient to attend the meeting.



Dr. M.M. Mushrif
Chairman
BoS in E & T Engineering



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



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Department of Electronics & Telecommunication Engineering

SNo.	Name	Designation	Sign	Name	Designation	Sign
1	R.P.Deshmukh	Member		B.Y. Masram	Member	OD
2	Dr. P.W. Raut	Member		S.A.Desai	Member	
3	Dr. M.S.Narlawar	Member		N.A.Pande	Member	
4	Dr. D.B.Bhoyar	Member		M.S.Ghute	Member	
5	Dr. Mrs. Y.U.Chitriv (Dubey)	Member	—	Y. S. Kale	Member	
6	A.D.Belsare	Member		A.A.Madankar	Member	
7	Dr. N.D.Rehpade	Member		R.P.Kamdi	Member	
8	Dr. M.S.Dorle	Member		D.K.Thote	Member	
9	K.P.Kamble	Member		M.S.Patil	Member	
10	S.S.Chiwande	Member		M. M. Panchariya	Member	
11	A.V.Choudhari	Member		P.D. Gawande	Member	
12	S.S.Khade	Member	OD	V.B.Niranjane	Member	OD
13	C.S.Gode	Member	OD	P.S. Mawale	Member	
14	M.L.Keote	Member		Y. Gaidhane	Member	—
15	P.D.Dorge	Member		S. W. Manjre	Member	
16	V.D. Bondre	Member		S.A.Pathak	Member	



Minutes of an Emergent BOS Meeting

Date: 30th November, 2017

An Emergent BOS Meeting of **Electronics and Telecommunication Engineering** was held on **30th November, 2017** at 10:00 AM in the Department library.

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

Point No.	AGENDA POINT
01	To confirm the minutes of 16th Meeting of BoS. ➤ The minutes of the 16 th Meeting of BoS in Electronics and Telecommunication Engineering held on 31st July, 2017 were placed on the table and were confirmed unanimously.
02	Introduction of new subjects. i. Professional Elective of Eighth Semester ET. PE-IV- ET-1437 - Display Technology ➤ The Syllabus of the subject Display Technology P-IV-ET1437 for eighth semester was discussed and unanimously approved and the copy of syllabus is attached with this document. ii. Open Elective of Sixth Semester ET. OE-II - ET-1343 - Display Technology And Applications. ➤ The Syllabus of the subject Display Technology And Applications OE-II - ET-1343 for sixth semester was discussed and unanimously approved and the copy of syllabus is attached with this document.
03	Discussion on new scheme. ➤ A detailed discussion on the new scheme of examination (SoE) was done. It was decided to incorporate any further changes or suggestions within one week.
04	Any other matter with the permission of the chair. ➤ As there were no more issues for discussions, the meeting was concluded with thanks to the chair.

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

Dr. M.M. Mushrif
Chairman
BoS, ET

**Department of Electronics & Telecommunication Engineering****30th November, 2017****MINUTES OF THE EMERGENT BoS MEETING**

The Emergent meeting was attended by the following members of BoS.

SNo.	Name	Designation	Sign	Name	Designation	Sign
1	Dr. M.M. Mushrif	Chairman		S.A. Desai	Member	
2	Dr. M. D. Chawhan	Member Secretary		B.Y. Masram	Member	OD
3	R.P.Deshmukh	Member		S.A.Desai	Member	-
4	Dr. P.W. Raut	Member		N.A.Pande	Member	
5	Dr. M.S.Narlawar	Member		M.S.Ghute	Member	
6	Dr. D.B.Bhoyar	Member		Y. S. Kale	Member	
7	Dr.Mrs.Y.U.Chitriv (Dubey)	Member	-	A.A.Madankar	Member	
8	A.D.Belsare	Member		R.P.Kamdi	Member	
9	Dr. N.D.Rehpade	Member		D.K.Thote	Member	
10	Dr. M.S.Dorle	Member		M.S.Patil	Member	
11	K.P.Kamble	Member		M. M. Panchariya	Member	
12	S.S.Chiwande	Member		P.D. Gawande	Member	
13	A.V.Choudhari	Member		V.B.Niranjane	Member	OD
14	S.S.Khade	Member	OD	P.S. Mawale	Member	
15	C.S.Gode	Member		Y. Gaidhane	Member	
16	M.L.Keote	Member		S. W. Manjre	Member	
17	P.D.Dorge	Member	OD	S.A.Pathak	Member	
18	V.D. Bondre	Member				

12th Jan 2018**Notice of Meeting**

To,

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

Dear Sir/ Madam,

The **Seventeenth** meeting of the Board of Studies in **Electronics & Telecommunication Engineering** is scheduled on **Tuesday, 16th January 2018 at 12:30 PM** in the **Department of Electronics & Telecommunication Engineering, YCCE, Nagpur.**

The agenda for the meeting shall be as follows:

ITEM NO.	AGENDA POINT
17.01	Welcome of new members
17.02	Installation of member Secretary
17.03	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.
17.04	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
17.05	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.
17.06	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.
17.07	To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-Graduate and Post Graduate programs.
17.08	To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.
17.09	To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.
17.10	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

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Semester Examination of EVEN Term 2017-18

17.11	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 2017-18
17.12	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 2017-18
17.13	Preparation of Electronic question Bank for V and VI Sem UG courses To review solutions to all questions of Electronic Question Banks for all courses of IV SEM
17.14	To discuss and suggest the changes additions deletions alterations in the existing Evaluation Process for theory and other courses.
17.15	To prepare & propose Scheme of Examination 2018 for UG & PG programmes
17.16	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












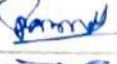










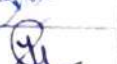





Dr. M.M. Mushrif
Chairman
BoS in E & T Engineering

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SNo.	Name	Designation	Sign	Name	Designation	Sign
1	R.P.Deshmukh	Member		B.Y. Masram	Member	
2	Dr. P.W. Raut	Member		S.A.Desai	Member	
3	Dr. M.S.Narlawar	Member		N.A.Pande	Member	
4	Dr. D.B.Bhoyar	Member		M.S.Ghute	Member	
5	Dr. Mrs. Y.U.Chitriv (Dubey)	Member		Y. S. Kale	Member	
6	A.D.Belsare	Member		A.A.Madankar	Member	
7	Dr. N.D.Rehpade	Member		R.P.Kamdi	Member	
8	Dr. M.S.Dorle	Member		D.K.Thote	Member	
9	K.P.Kamble	Member		M.S.Patil	Member	
10	S.S.Chiwande 	Member		M. M. Panchariya	Member	
11	A.V.Choudhari 	Member		P.D. Gawande	Member	
12	S.S.Khade	Member		V.B.Niranjane	Member	
13	C.S.Gode	Member		P.S. Mawale	Member	
14	M.L.Keote	Member		Y. Gaidhane	Member	
15	P.D.Dorge	Member		S. W. Manjre	Member	
16	V.D. Bondre	Member		S.A.Pathak	Member	



**Minutes of the 17th BOS Meeting****Date: 16th January, 2018**

The 17th BOS of **Electronics and Telecommunication Engineering** was held on **16th January, 2018** at 12:30 PM in the Department library.

The meeting was attended by the following members of BOS.

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

SNo.	Name	Designation	Sign	Name	Designation	Sign
1	Dr. M.M. Mushrif	Chairman		P.D.Dorge	Member	
2	Dr, M.D. Chawhan	Member Secretary		B.Y. Masram	Member	
3	R.P.Deshmukh	Member		S.A.Desai	Member	
4	Dr. P.W. Raut	Member		N.A.Pande	Member	
5	Dr. M.S.Narlawar	Member		M.S.Ghute	Member	
6	Dr. D.B.Bhoyar	Member	ABSENT	Y. S. Kale	Member	
7	Dr. Mrs. Y.U.Chitriv (Dubey)	Member	ON LEAVE	A.A.Madankar	Member	
8	A.D.Belsare	Member		R.P.Kamdi	Member	
9	Dr. N.D.Rehpade	Member		D.K.Thote	Member	
10	Dr. M.S.Dorle	Member		M.S.Patil	Member	
11	K.P.Kamble	Member		M. M. Panchariya	Member	ON LEAVE
12	S.S.Chiwande	Member		P.D. Gawande	Member	
13	A.V.Choudhari	Member		V.B.Niranjane	Member	
14	S.S.Khade	Member	ON LEAVE	P.S. Mawale	Member	
15	C.S.Gode	Member	ON LEAVE	Y. Gaidhane	Member	
16	M.L.Keote	Member		S. W. Manjre	Member	
17	V.D. Bondre	Member		S.A.Pathak	Member	

**Minutes of the 17th BOS Meeting****Date: 16th January, 2018**

The 17th BOS of **Electronics and Telecommunication Engineering** was held on **16th January, 2018** at 12:30 PM in the Department library.

The meeting was attended by the following members of BOS.

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

Leave of absence was granted to -

Sr. No	Name
1.	Dr. Rajesh S. Pande, RCOEM, Nagpur
2.	Er. Amar Akre, SAP Controls Pvt. Ltd.
3.	Ms. Pranjali Jumle, Meritorious Alumni
4.	Dr Mrs Y.U.Chitriv(Dubey)
5.	Prof S.S. Khade
6.	Prof C.S.Gode
7.	Prof M.M.Panchariya
8.	Dr. D.B.Bhoyar

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

ITEM NO.	AGENDA POINT
17.01	Welcome of new members. BoS Chairman Dr. M.M.Mushrif welcomes, BoS, Expert Dr. K. M. Bhurchandi, VNIT, Nagpur and Dr. A.S.Gandhi, VNIT, Nagpur to the department of ET, YCCE, Nagpur

17.02	<p>Installation of member Secretary.</p> <p>BoS Chairman : M.M. Muskat</p> <p>Member Secretary : Dr. P. L. Zade, HoD, ET</p> <p>Sub-Committee members:</p> <p>Prof. D. B. Bhojar, 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>
17.03	<p>Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting.</p> <p>The minutes of the 16th Meeting held on 30th July, 2016 of BoS and emergent meeting held on 30th November, 2017 in Electronics and Telecommunication Engineering were placed on the table and were confirmed unanimously.</p>
17.04	<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. No Changes have been proposed.</p>
17.05	<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>No Changes have been proposed.</p>
17.06	<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>
17.07	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-Graduate and Post Graduate programs.</p> <p>No changes have been proposed.</p>
17.08	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board..</p> <p>No changes have been proposed.</p>



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

17.09	<p>To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.</p> <p>No new courses/MOOCs have been proposed.</p>
17.10	<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 2017-18</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 2017-18 have been prepared and proposed under YAI1 of YCCE.</p>
17.11	<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 2017-18.</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 2017-18 have been prepared, proposed and submitted under YAI1 format of YCCE.</p>
17.12	<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 2017-18</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 2017-18 have been finalized and submitted in the form of YA12 format.</p>
17.13	<p>Preparation of Electronic question Bank for V and VI Sem UG courses</p> <p>To review solutions to all questions of Electronic Question Banks for all courses of IV SEM</p> <p>Preparation of Electronic question bank for V and VI Sem UG courses are going on.</p> <p>The question banks for III Sem is completed & validation of IV Semester question bank will be completed up to 31 January 2018.</p>
17.14	<p>To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.</p> <p>No changes have been proposed.</p>



17.15

To prepare & propose Scheme of Examination 2018 for UG & PG programmes

The newly prepared Scheme of Examination for UG programme was placed and the experts suggested the following points.

- 1.The experts suggested that there should be a common pool of all PE subjects from which the students will choose subjects which they are interested in. The experts suggested that the same process should be followed for OE.
- 2.The experts suggested that those Subjects such as statistical data analysis, optimization techniques can be included as PE.
- 3.Advance Microprocessor / Computer Architecture & Organization subjects can be added in the curriculum as PE.
- 4.Cognitive Communication / Cognitive Communication & Cognitive radio can be added in PG curriculum.

The suggestions given by the experts will be further discussed in Curriculum Development Workshop (CDW) and incorporated after approval.

Any other matter with the permission of the Chair.

17.16

Chairman was authorized to finalize the SOE.

The meeting concluded with thanks to the Chair.




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




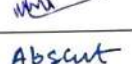



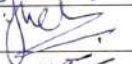

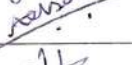

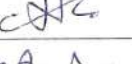



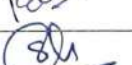
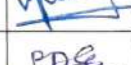





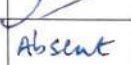

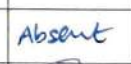




Dr. M.M. Mushrif
Chairman
BoS, ET

**Curriculum Development Workshop****Date: 16th February, 2018**

The Curriculum Development Workshop of **Electronics and Telecommunication Engineering** was held on **16th February, 2018** at 10:30 AM in the Department library.

The meeting was attended by the following members of BOS.

Sr. No	Name	Signature
01	Dr. Rajesh S. Pande, RCOEM, Nagpur	ABSENT
02	Dr. A.S. Gandhi, VNIT, Nagpur	 16/2/18
03	Dr. K. M. Bhurchandi, VNIT, Nagpur	 16/2/18
04	Er. Amar Akre, SAP Controls Pvt. Ltd.	 16/2/18

SNo.	Name	Sign	Name	Sign
1	Dr. M. M. Mushrif		V.D. Bondre	Absent
2	Dr. M. D. Chawhan		S.A. Desai	
3	R.P. Deshmukh		B.Y. Masram	
4	Dr. P.W. Raut	Absent	N.A. Pande	
5	Dr. M.S. Narlawar	Absent	M.S. Ghute	
6	Dr. D.B. Bhojar		Y. S. Kale	
7	Dr. Mrs. Y.U. Chitri (Dubey)		A.A. Madankar	
8	Dr. A.D. Belsare		R.P. Kamdi	
9	Dr. N.D. Rehpade		D.K. Thote	
10	Dr. M.S. Dorle		M.S. Patil	
11	K.P. Kamble		M. M. Panchariya	
12	S.S. Chiwande		P.D. Gawande	
13	A.V. Choudhari		V.B. Niranjane	
14	S.S. Khade		P.S. Mawale	
16	C.S. Gode		Y. Gaidhane	Absent
16	M.L. Keote		S. W. Manjre	Absent
17	P.D. Dorge		S.A. Pathak	

Department of Electronics & Telecommunication Engineering

Curriculum development workshop: 16th February 2018

Minutes of the Curriculum Development Workshop

The Curriculum Development Workshop was held at Department of Electronics & Telecommunication Engineering on 16th February 2018.

Agenda of CDW

1. Finalization of UG SOE.
2. To discuss and finalize the syllabus of III and IV semester B.E. ELECTRONICS & TELECOMMUNICATION ENGG.
3. To discuss and finalize UG absorption scheme.
4. Finalization and discussion of SOE & syllabus of M.TECH. COMMUNICATION ENGINEERING

The subject experts present were as follows.

Sr.No	Name
1	Dr. K. M. Bhurchandi, VNIT Nagpur
2	Dr. A. S. Gandhi, VNIT , Nagpur .
3	Er. Amar Akre, SAP Control Pvt. Ltd , Nagpur

The meeting was attended by the following faculty members.

SNo.	Name	Present/ Absent	SNo.	Name	Present/ Absent
1	DrM.M.Mushrif	Present	19	S.A. Desai	Present
2	Dr. M. D. Chawhan	Present	20	B.Y. Masram	Present
3	R.P.Deshmukh	Present	21	N.A.Pande	Present
4	Dr. P.W. Raut	Absent	22	M.S.Ghute	Present
5	Dr. M.S.Narlawar	Absent	23	Y. S. Kale	Present
6	Dr. D.B.Bhoyar	Present	24	A.A.Madankar	Present
7	Dr.Mrs.Y.U.Chitriv (Dubey)	Present	25	R.P.Kamdi	Present
8	A.D.Belsare	Present	26	D.K.Thote	Present

9	Dr. N.D.Rehpade	Present	27	M.S.Patil	Present
10	Dr. M.S.Dorle	Present	28	M. M. Panchariya	Present
11	K.P.Kamble	Present	29	P.D. Gawande	Present
12	S.S.Chiwande	Present	30	V.B.Niranjane	Present
13	A.V.Choudhari	Present	31	P.S. Mawale	Present
14	S.S.Khade	Present	32	Y. Gaidhane	Absent
15	C.S.Gode	Present	33	S. W. Manjre	Absent
16	M.L.Keote	Present	34	S.A.Pathak	Present
17	P.D.Dorge	Present			
18	V.D. Bondre	Absent			

The following suggestions on SoE for UG Electronics & Telecommunication Engineering were given in the Curriculum Development Workshop (CDW)

1. SoE

- a. All the experts and faculty members discussed if subject Control System should be in IV semester or V Semester. The experts agreed that subject Control System can be in IV semester. The subject Signals & Systems can be in V Sem as there will be a link between 2 subjects i.e. S&S in V Sem and DSP in VI Sem.
- b. The experts suggested that the subject PE6: Computer Networking should be offered before PE2: Internet of Things (IOT) to students, but IOT is a laboratory course and Computer Networks only a theory course, the suggestion could not be incorporated.
- c. As per the suggestions of experts Mechatronics course is included as a professional elective (PE1) in semester VI.

2. The syllabus of III and IV semester B.E. ELECTRONICS & TELECOMMUNICATION ENGG

III Semester

- a. In subject ET-1205 now PC- Electronic Measurement and Instrumentation, the experts suggested to add topics such as semiconductor Sensors, hall effect sensors, temperature sensors, flow transducers, ultrasonic sensors, should be added. The experts also suggested referring IIT Mumbai and NIT Warangal syllabus for this subject. These suggestions were incorporated.
- b. In Subject ET-1206 now PC- Lab: Electronic Measurement and Instrumentation, the experts suggested to increase the number of practical's in practical list to 15.

- c. **In subject –ET-1201 now PC-Electronic Devices & Circuits**, the experts suggested to add topics such as MOSFET based circuit analysis, MOSFET Amplifier, to be added in theory course. These suggestions were incorporated.
- d. **In ET-1202 now PC-Lab:Electronic Devices & Circuits** the experts suggested to add practical's on MOSFET, and to increase the number of practical's in practical list to 15 and combine the practical's based on diodes. These suggestions were incorporated.
- e. **In subject- ET-1203 now PC-Digital Circuits** the experts suggested to add either one unit on fundamentals of microprocessor or introduction to VHDL. After discussion, it was decided not to incorporate the suggestions as the syllabus of DC is heavy. However, few basic practical's on VHDL can be added in lab. These suggestions were incorporated.
- f. **In ET-1204 now PC-Lab: Digital Circuits** the experts suggested to increase the number of practical's in practical list to 15., and also add some practical's on VHDL.They also suggested to combine adder and subtractor practical. These suggestions were incorporated.
- g. **In subject –EL-1201 now PC: Network Analysis-**, the experts suggested no changes in syllabus

IV Semester


- a. **In subject –EL-1217 now PC: Control System**, the experts suggested no changes in syllabus
- b. **Lab of Control system is introduced PC Lab: Control System** the experts suggested to increase the number of practical's in practical list to 15. These suggestions were incorporated.
- c. **In subject ET-1301 now PC: Analog Communication** the expert suggested to add noise triangle in FM in Unit II and HD TV definition and Introduction in unit IV. Also to add Nyquist sampling theorem in unit VI. These suggestions were incorporated.
- d. **In lab ET-1302 now PC: Lab Analog Communication**the experts suggested to increase the number of practical's in practical list to 15.
- e. In subject ET-1207 now Electromagnetic Fields: the experts suggested no changes in syllabus.
- f. In **Subject ET-1210-now Microcontroller & Applications** the expert suggested to add introduction to ARM processor. These suggestions were incorporated.
- g. In **Lab ET-1211-now lab: Microcontroller & Application**the experts suggested to increase the number of practical's in practical list to 15. These suggestions were incorporated.
- h. In subject **ET 1207 now Electromagnetic Fields**, the experts suggested no changes in syllabus.

3. **Absorption scheme**

The UG absorption scheme was discussed with the experts and accepted by all.

4. **M.Tech (Communication Engineering)**

The scheme of examination and syllabus of M.Tech(Communication Engineering) was discussed with the experts. No changes were proposed in the scheme and syllabus, the experts also agreed to continue with the same scheme.


Dr. M.M.Mushrif
Chairman
BoS , ET



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Department of Computer Technology

Minutes of the Meeting

BoS Meeting No. 18 Date: 20-Jan-2018

The 18thBoSmeeting was organized by Department of Computer Technology on 20-01-2018 at 9:30 am in Departmental library. The meeting wasattended by the following members of BoS.

External Members

Sr. No.	Name	Position held in BoS	Signature
1	Dr. Umesh Deshpande, VNIT, Nagpur	University Nominee	
2	Dr. Parag Deshpande, VNIT, Nagpur	External Expert	
3	Dr. K. S. Patnaik, BITS Mesra, Rachi	External Expert	LEAVE OF ABSENCE
4	Mr. Ajit Dharmik, 6Simplex Software Solutions, Nagpur	Industry Expert	
5	Ms. Jigyasa Sanghvi, RCOEM, Nagpur	Alumni Representative	

Faculty Members

Sr. No.	Name	Signature
1	Dr. M. M. Raghunandh	
2	A. R. Bhagat Patil	
3	T. R. RAVI	
4	G. Dhoparkar	
5	L. B. Damale	
6	R. D. Wajsi	
7	S. J. Kavale	
8	Dr. K. R. Singh	Signature
9	Dr. K. R. Singh	
10	N. U. Sambre	
11	P. V. Barsekar	



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12	Nikhil S. Mangrulkar	
13	K. Kamble	
14	S. A. Gode	
15	R. K. Ambhalkar	
16	S. D. Raut	
17	N. S. Khan	
18	H. Jichkar	
19	S. R. Kapse	
20	V. H. Umalle	
21	Rajiv Verma	Rajiv
22		
23		

Leave of absence was granted to the following Faculty Members

Sr. No.	Name
1	Mr. S. D. Kamble
2	Ms. R. S. Khedgaonkar
3	Ms. S. S. Thombre
4	Mrs. P. A. Deshkar
5	Mrs. G. A. Chaudhari

**Department of Computer Technology**

The following agenda points were deliberated in the meeting:

Minutes of 18th BOS Meeting

18.1	Welcome of new members Board of Studies Chair Person welcomed newly joined faculty Prof. Rajiv Verma to BOS.
18.2	Installation of member Secretary None
18.3	Confirmation of minutes of previous Meeting and action taken report on decisions/suggestions of the previous meeting. The Minutes of the 17 th BOS Meeting in Computer Technology held on 29 th July 2017 were placed on the table and were confirmed unanimously.
18.4	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 Following Courses were identified for the improvement in employability, skill development and Entrepreneurship: <ul style="list-style-type: none">• CT1347 PE I: Mobile Operating System• CT1348 Lab. :PE I: Mobile Operating System• CT1355 PE1 : Privacy and Security in Online Social Networks• CT1408 : PE III: CLOUDCOMPUTING
18.5	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. Minor changes in undergraduate courses in Autonomous 2014Scheme: <ul style="list-style-type: none">• CT1349 PE I : Business Intelligence and ItsApplications• CT1314 : Design & Analysis of Algorithms• CT1408 : PE III: CLOUDCOMPUTING• CT1207 : Computer Architecture &Organization Minor changes in postgraduate course in Autonomous 2014 Scheme: <ul style="list-style-type: none">• CSE1919 : DataWarehousing• CSE 1902 Real Time Systems (I Semester)• 3. CSE 1919 Data Warehousing (II Semester)• 6. CSE 1924 Natural Language Processing (III Semester)



Department of Computer Technology

	<p>Following Courses were identified for the improvement in employability, skill development and Entrepreneurship:</p> <ul style="list-style-type: none">• CT1347 PE I: Mobile Operating System• CT1348 Lab. :PE I: Mobile Operating System• CT1355 PE1 : Privacy and Security in Online Social Networks• CT1408 : PE III: CLOUDCOMPUTING
18.6	<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 PostgraduatePrograms.</p> <p>No changes</p>
18.7	<p>To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of Under-Graduate and Post-Graduate programs.</p> <p>BOS has given suggestions to emphasize more on application based practicals.</p>
18.8	<p>To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post-graduate programs conducted under theBoard.</p> <p>BoS has given suggestion to conduct 3 Mid Semester Examinations and on 2 units each. Best of 2 among 3 should be considered for calculation of 30 internalmarks.</p>
18.9	<p>To discuss and propose the new courses / MOOCS received from the faculty for inclusion in the curriculum.</p> <p>BoS suggested to include those subject as MOOC course which are already there in SoE.</p>
18.10	<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 Term2017-18</p> <p>Panel for Paper Setter, Moderator, and Evaluators for UG theory courses was finalized and will be submitted to COE in Y11 format</p>
18.11	<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 Term2017-18</p> <p>Panel for Paper Setter, Moderator and Evaluators for PG theory courses was finalized and will be submitted to COE in Y11 format</p>
18.12	<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 2017-18</p> <p>Panel for External and Internal for UG and PG non-theory courses was finalized and submitted to COE in Y12 format.</p>

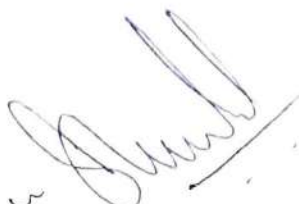
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18.13	<p>Preparation of Electronic Question Bank for V and VI Sem UG courses E Question Bank for III & IV Sem has been compiled and validated by experts. Panel for V & VI Sem UG courses</p>																																																																																				
	<table border="1"><thead><tr><th>Sem</th><th>Subject</th><th>Teacher</th><th>Teacher</th><th>Completion Date</th><th>Validation Date</th></tr></thead><tbody><tr><td>V</td><td>TFCS</td><td>SDK</td><td>RV</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>VI</td><td>DAA</td><td>SJK</td><td>-</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>VI</td><td>MOS</td><td>SR</td><td></td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>VI</td><td>BI & A</td><td>SAG</td><td>PD</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>VI</td><td>CTT</td><td>KK</td><td></td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>V</td><td>OS Concepts</td><td>KK</td><td>-</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>V</td><td>OS</td><td>NJ</td><td>SSS</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>V</td><td>EIT</td><td>S_{VU}</td><td>NK</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>V</td><td>CN</td><td>RK</td><td></td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>VI</td><td>LP</td><td>SDK</td><td>RV</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>V</td><td>DBMS</td><td>SSL</td><td>NK</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>VI</td><td>AI</td><td>LBD</td><td>-</td><td>25/2/18</td><td>1st Week of Mar 18</td></tr><tr><td>V</td><td>Intro. to DBMS</td><td>TRR</td><td></td><td>25/2/18</td><td>1st Week of Mar 18</td></tr></tbody></table>	Sem	Subject	Teacher	Teacher	Completion Date	Validation Date	V	TFCS	SDK	RV	25/2/18	1 st Week of Mar 18	VI	DAA	SJK	-	25/2/18	1 st Week of Mar 18	VI	MOS	SR		25/2/18	1 st Week of Mar 18	VI	BI & A	SAG	PD	25/2/18	1 st Week of Mar 18	VI	CTT	KK		25/2/18	1 st Week of Mar 18	V	OS Concepts	KK	-	25/2/18	1 st Week of Mar 18	V	OS	NJ	SSS	25/2/18	1 st Week of Mar 18	V	EIT	S _{VU}	NK	25/2/18	1 st Week of Mar 18	V	CN	RK		25/2/18	1 st Week of Mar 18	VI	LP	SDK	RV	25/2/18	1 st Week of Mar 18	V	DBMS	SSL	NK	25/2/18	1 st Week of Mar 18	VI	AI	LBD	-	25/2/18	1 st Week of Mar 18	V	Intro. to DBMS	TRR		25/2/18	1 st Week of Mar 18
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18.14	<p>To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM</p> <p>BoS suggested to constitute an internal panel for the review of solutions of questions of Electronic Question Banks</p> <p>Panel: Chairperson: Dr. Kavita Singh Member Coordinator: Rakhi Wajgi, Member: T. R. Ravi & Nilima Jichkar</p>																																																																																				
18.15	<p>To discuss and suggest the changes / additions / deletions / alterations in the existing Evaluation Process for theory and other courses.</p> <p>No suggestion</p>																																																																																				



Department of Computer Technology

18.16	<p>To prepare & propose Scheme of Examination 2018 for UG & PG programmes SoE 2018 for UG & PG presented to BoS. Following suggestions were deliberated: For UG:</p> <ul style="list-style-type: none">• Digital Circuits & Microprocessor can be offered without Lab• Data Analysis & Interpretation to be offered in IV Sem with Lab• Object Oriented Programming to be offered in III Sem• Instead of 4 Professional elective in VII Sem, 3 Professional Electives & 1 Professional Core should be offered• BoS suggested to revise the list of Open Electives and suggested to add courses like Image Processing, Data Analysis & Interpretation, Data Structures using PYTHON <p>For PG:</p> <ul style="list-style-type: none">• Introduce Software Lab 1 & Software Lab 2 as pure Lab course of 2 credits each in Sem I & II respectively, making total Credits 65.
18.17	<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> <ul style="list-style-type: none">• CT1349 PE I : Business Intelligence and Its Applications• CT1314 : Design & Analysis of Algorithms• CT1408 : PE III: CLOUD COMPUTING• CT1207 : Computer Architecture & Organization
18.18	<p>Any other matter with the permission of the Chair.</p> <p>To discuss and the change in departments name BoS suggested to change department name from Computer Technology to Computer Science & Engineering. BoS authorized Chairperson to finalize any further modifications SoE for any</p>



Dr. M. M. Raghuwanshi

Member Secretary



Dr. Kavita Singh

HoD



Yeshwantrao Chavan College of Engineering

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

Hingna Road, Wanadongri, Nagpur - 441 110

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Department of Computer Technology

Minutes of the Meeting

Curriculum Development Workshop No. 07

Date: 10-Feb-2018

The workshop was attended by the following external members

Sr. No.	Name	Designation	Sign
1	Dr. S. K. Singh, IIT BHU, Varanasi	External Expert	sk singh
2	Dr. O. G. Kakde, VNIT, Nagpur	External Expert	O. G. Kakde
3	Dr. U. A. Deshpande, VNIT, Nagpur	External BoS Member	U. A. Deshpande
4	Dr. P. S. Deshpande, VNIT, Nagpur	External BoS Member	-LOA-

Following faculty members of the department attended the workshop

Sr. No.	Name	Sign
1	Dr. K. R. Singh	K. R. Singh
2	Dr. M. M. Raghunwanshi	M. M. Raghunwanshi
3	R. D. Wajsi	R. D. Wajsi
4	N. U. Sambhe	N. U. Sambhe
5	N. S. Mangsulkar	N. S. Mangsulkar
6	L. B. Dandhe	L. B. Dandhe
7	Nilima M. Jidwan	Nilima M. Jidwan
8	P. Banekar	P. Banekar
9	S. D. Kamble	S. D. Kamble
10	K. Karule	K. Karule
11	Gauri Chaudhary	Gauri Chaudhary
12	Rajeev Verma	Rajeev Verma
13		
14		



Department of Computer Technology

Board of Studies – Computer Technology

7th Curriculum Development Workshop

7th Curriculum Development Workshop for Revision of UG/PG SoE and Syllabus for **Board of Studies (BoS)** in Computer Technology was held on **10/02/2018** (Saturday) between 10 am to 4.00 pm in CT Departmental Library.

Agenda:

1. To discuss the Scheme of Examination 2018-2022 for UG & PG programmes.
2. To discuss syllabus for second year UG courses and PG courses under 2018 scheme.
3. To discuss and suggest the changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in Schemes of Undergraduate/Postgraduate Programs.
4. To discuss the list of practical for the second year courses under UG 2018 Scheme.
5. Any other matter with the permission of the chair.

Following Subject Experts were invited for the CDW

SN	Name of Expert	Organization	Signature with date
1	Dr. S. K. Singh Mob:09554321133 Email: sks.cse@itbhu.ac.in	Associate Professor, Dept. of CSE, IIT, Banaras Hindu University	Present
2	Dr. O.G.Kakade Mob: Email: ogkakde@cse.vnit.ac.in	Professor, Dept. of CSE, VNIT, Nagpur	Present
3	Dr. Unmesh Deshpande Mob:9822698329 Email: uadeshpande@cse.vnit.ac.in	Associate Professor, Dept. of CSE, VNIT, Nagpur (External-BOS Member)	Present
4.	Dr. Parag Deshpande Mob: Email: psdeshpandevnit@gmail.com	Associate Professor, Dept. of CSE, VNIT, Nagpur (External-BOS Member)	LOA

Following Faculty Members participated in the CDW,

SN	Name	Signature
1	Dr. K. R. Singh	
2	Dr. M. M. Raghuvanshi	
3	Rakhi D. Wajgi	
4	Nilesh U. Sambhe	



Nagar Yuwak Shikshan Sanstha's

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Department of Computer Technology

5	Nikhil S. Mangrulkar	
6	Lalit B. Damahe	
7	Nilima M. Jichkar	
8	Shailesh D. Kamble	
9	Praful V. Barkar	
10	Kalyani P. Karule	
11	Gauri A. Chaudhari	
12	Rajiv Verma	

Leave of Absence was granted to

SN	Name
1	T. R. Ravi
2	A. R. Bhagat Patil
3	S. J. Karale
4	G. M. Dhopavkar
5	S. R. Kapse
6	R. S. Khedgaonkar
7	P. A. Deshkar
8	S. S. Thombre
9	S. A. Gode
10	S. S. Lachure
11	R. Asati
12	N. Khan
13	V. Umathe
14	R. Ambatkar
15	S. Sangekar
16	S. Raut

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Following revisions/suggestions/recommendations were suggested by subject experts and faculty members of the department.

Under Graduate Programme, B.E, Computer Technology, (Proposed name, Computer Science and Engineering)

Suggestions with reference to new proposed SoE 2018 for 163 credits:

UG III Sem.	<p>1. Suggested to remove microprocessor from Digital Circuits and Microprocessor course and specific architecture from Computer Architecture and Organization course.</p> <p>Combine Digital Circuits and Microprocessor and Computer Architecture and Organization as one course at III sem of 4 credits without Lab. Course shall be design referring the Gate syllabus and AICTE model curriculum.</p> <p>2. Looking into the industry requirement, One more pure Lab course on Python Programming as Software Lab-II must be introduced at III Sem. of 1 credit and 2 contact hours.</p> <p>3. Data Structures 1: Proposed Syllabus OK. Suggested to modify practical list and should be application based.</p> <p>4. Object Oriented Programming: Proposed Syllabus OK. Suggested to modify practical list and should be application based.</p> <p>5. Software Lab-I: Suggested to remove Python from the Software Lab I course content as a new dedicated Pure lab course has been introduced.</p>
UG IV Sem.	<p>1. Proposed Data Analysis and Interpretation course was suggested to rename as Mathematical Foundations of Data Analysis focusing on linear algebra, probability, statistics, linear regression, logistic regression etc.</p> <p>2. Operating Systems: Proposed Syllabus OK. Suggested to modify practical list and should be application based.</p> <p>3. DBMS: Proposed Syllabus OK. Suggested to modify practical list and should be application based.</p> <p>4. Data Structures 2: Proposed Syllabus OK. Suggested to modify practical list and should be application based.</p>

Post Graduate Programme

Earlier PG SoE was of 61 credits.
 New PG SoE is of 65 credits.

PG 1 Sem.	<p>Proposed Software Lab-I course of 2 credits. Proposed syllabus was OK. Suggested to keep the internal evaluation of 100 marks based on problem oriented assignments.</p> <p>No suggestions for the remaining sem I courses.</p>
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PG 2 Sem.	Proposed Software Lab-II course of 2 credits. Proposed syllabus was OK. Suggested to keep the internal evaluation of 100 marks based on problem oriented assignments.
	Seminar was replaced with Technical Writing and Publishing Lab course. Proposed syllabus was OK
PG 3 Sem.	No suggestions for courses and its content.

Common decisions/Suggestion:

1.	SoE 2018: List of electives proposed in higher semesters to be checked and verified.
2.	PG: Keep third and fourth semester free, so that students can get opportunity for 1 complete year industry project and internship.
3.	UG, IV sem: Experts strongly suggested that Mathematics IV shall be department specific and must be delivered by respective department faculty.
4.	Experts also strongly suggested to keep internship at VIII semester as optional as it is difficult to provide training to all students and therefore department must offer few courses in VIII semester.

The curriculum development workshop concluded with thanks to the experts and chairperson was authorized to finalize the SoE and syllabus.


Dr. Kavita Singh
Chairperson



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Department of Information Technology Board of Studies in Information Technology

Minutes of the meeting

The 18th meeting of the Board of Studies in **Information Technology** was held on **04/02/2017** (Saturday) at 10:00 am. in the **Department of Information Technology, YCCE, Nagpur.**

The agenda for the meeting was as follows:

- 18.1. Welcome of new BoS members.
- 18.2. Confirmation of minutes of previous Meeting.
- 18.3. To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014 (3 - 8 sem for UG and 1 - 4 sem for PG)) and Scheme of Examination (known as Autonomous 2017_IT (7-8 sem for UG)).
- 18.4. To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post graduate programs.
- 18.5. 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.
- 18.6. To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of UG & PG programs.
- 18.7. To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs
- 18.8. 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 Even Term 2016-17.
- 18.9. 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.
- 18.10. To review the preparation of and finalize the groups of faculty for preparation of Electronic Question Banks for all courses of Even Semester of Undergraduate Programs.
- 18.11. 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 examination for non-theory courses, seminars, Industrial case study. Project (including mini), etc.



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Department of Information Technology

Board of Studies in Information Technology

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

18.13. 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	Dr. A. J. Agrawal, CSE, RCOEM, Nagpur
4	Mr. Abhishek Nachankar, Member PG Alumni
5	Mr. S. W. Shende, Member Secretary
6	Dr. K. K. Bhoyar
7	Mr. R. C. Dharmik
8	Ms. Nisha R. Wankhade
9	Mrs. Swati G. Kale
10	Mr. Manish Hadap
11	Mr. B. U. Bawankar
12	Mr. A. D. Gaikwad
13	Ms. P. G. Jaiswal
14	Mr. G. K. Yenurkar
15	Mr. S. S. Chavhan
16	Mr. R. S. Bhanuse
17	Mr. P. R. Hatwar
18	Mr. P. Tambekar



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Board of Studies in Information Technology

Leave of Absence is granted to the following Members:

1	Mr. Shekhar Patankar, Persistent Systems Pvt. Ltd. Nagpur
2	Dr. U. V. Kulkarni, SGGGS Nanded
3	Mrs. Rupa A. Fadanvis
4	Mr. Sachin Jain
5	Mr. K. O. Hajari
6	Ms. Apurva Naik
7	Mrs. Kiran Gavhale

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. A. J. Agrawal, CSE Dept. RCOEM Nagpur. (VC Nominee)																				
2	Confirmation of minutes of previous Meeting.	The minutes of the 17 th Meeting of BoS in Information Technology held on 30/07/2016, were placed on the table and were confirmed unanimously.																				
3	SOE UG (Autonomous 2017_IT - 7-8 sem UG)	<p>1. Two Theory courses along with their Lab of VII Sem., namely Principles of Compiler Design (IT1403 & IT1404) and Network Programming (IT1417 & IT1418) will be running in the summer (May 11 to June 30).</p> <p>7th sem (Common for all - Summer term after 6th sem)</p> <table border="1"> <thead> <tr> <th>Sr.No</th> <th>Code</th> <th>Course</th> <th>T-T-L</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IT1403</td> <td>PCD</td> <td>3-1-0</td> <td>4</td> </tr> <tr> <td>2</td> <td>IT1404</td> <td>PCD Lab</td> <td>0-0-2</td> <td>1</td> </tr> <tr> <td>3</td> <td>IT1417</td> <td>Network Programming</td> <td>4-0-0</td> <td>4</td> </tr> </tbody> </table>	Sr.No	Code	Course	T-T-L	Credits	1	IT1403	PCD	3-1-0	4	2	IT1404	PCD Lab	0-0-2	1	3	IT1417	Network Programming	4-0-0	4
Sr.No	Code	Course	T-T-L	Credits																		
1	IT1403	PCD	3-1-0	4																		
2	IT1404	PCD Lab	0-0-2	1																		
3	IT1417	Network Programming	4-0-0	4																		



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Board of Studies in Information Technology

4	IT1418	Network Programming	0-0-2	1
Total				10

2. Tentative Schedule of the Summer Term is as follows:

S.N	Particular	Dates	Hours
1	Start of session	11 th May 2017	
2	Slot 1 teaching	11 – 22 May 2017	18 hrs
3	MSE 1	23 – 24 May 2017	
4	Slot 2 teaching	25 May – 5 June 2017	18 hrs
5	MSE 2	6 – 7 June 2017	
6	Slot 3 teaching	8 - 19 June 2017	18 hrs
7	PL	20 – 26 June 2017	
8	ESE	27-30 June 2017	

3. For VIIIth sem, Students are divided into two groups: Group-A & Group-B consisting of 40 students in each group.

4. In odd term Group-A will do Industry Training and Project (15 credits) & Group-B will do VIII Sem. Courses.

5. In even term Group-B will do Industry Project & Group-A will do VIII Sem. Courses.

Industrial Training and Project: 15 Credits

Sr. no.	Particular	Time slot (Group A)	Time slot (Group B)
1	Title selection	4 th July – 4 th Aug 2017	4 th Dec 2017 – 4 th Jan 2018
2	Literature Survey	5 th Aug – 5 th Sep 2017	5 th Jan – 5 th Feb 2018
3	Progress 1	6 th Sep – 6 th Oct 2017	6 th Feb – 6 th March 2018
4	Progress 2	7 th Oct – 7 th Nov	7 th March – 7 th



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		2017	April 2018
5	Progress 3/Presubmission	8 th Nov - 20 th Nov 2017	8 th April - 20 th April 2018
6	Submission of thesis	30 th Nov 2017	30 th April 2018

8th Sem Group A/B

Sr.No	Code	Course	T-T-L	Credits
1	IT 1427	DM	4-0-0	4
2	IT 1428	DM Lab	0-0-2	1
3	IT1407 IT1415 IT1429 IT1430	PE3 RTS NNFL ACA Ecom	3-1-0	4
4	IT1422	NS	3-0-0	3
5	IT1423	NS Lab	0-0-2	1
6	IT1432 IT1423 IT1434	PE4 CC HCI SQA	4-0-0 -0	4
7	IT1433 IT1438 IT1435	PE4 Lab CC Lab HCI Lab SQA Lab	0-0-0 -2	1
8	IT1405 IT1436 IT1421	PE5 PR CSTD DS	4-0-0 -0	4
9		PE5 Lab	0-0-0	1



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		IT1439	PR Lab	- 2	
		IT1437	CSTD Lab		
		IT1440	DS Lab		
	10	IT1425	CV	0-0-0	3
	11	IT1426	ER/CR	0-0-0	
	Total			18-1-8	28 credits
	This above scheme known as Autonomous 2017_IT was approved by members of BOS				
4	Syllabus (Autonomous scheme)	UG 2014	<p>In view of employability, skill development and Entrepreneurship following modifications were suggested and minor changes in the syllabi of following theory courses were approved:</p> <p>V SEM : 1. IT1322 - Web Technology</p> <p>VI SEM: 1. IT1336 - Introduction to E-Commerce (Open Elective)</p> <p>VII SEM : 1. IT1403 - Principle of Compiler Design</p> <p>VIII SEM : 1. IT1415 - Neural Network and Fuzzy Logic</p> <p>Minor changes in the syllabi of following theory courses were suggested:</p> <p>III SEM: 1. IT1206 - Microprocessor Based System Design (contents need to be modified)</p> <p>V SEM: 1. IT1303 - Operating Systems (switching of some portion of syllabus amongst the units to adjust the number of hours required for teaching)</p> <p>2. IT1307 - Computer Graphics (unit 3 & 4 can be swapped)</p>		

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VI SEM :

1. IT1311 - Artificial Intelligence (modify 4th, 5th and 6th unit of the syllabus)

VII SEM.:

1. IT1417 - TCP/IP (Title of the course changed to Network Programming and contents needs to be modified accordingly. More focus need to be given on programming concepts. Refer Richard Stevens Book for the same).

Minor changes in the syllabi of following **Lab courses** were **approved:**

IV SEM :

1. IT1210 Lab: Computer Workshop

V SEM :

1. IT1304 Lab: Operating Systems

Minor changes in the syllabi of following **Lab courses** were **suggested:**

V SEM :

1. IT11317 Lab: Data Base Management Systems (start with design of Database)

General Comments:

1. Introduce NLP as elective
2. To replace practical records with submission in soft copies
3. ADS 1 & ADS2 need to included in SOE
4. Introduce "Information Retrieval" as a course in UG. Refer Prabhakar Ragwan's book for the same
5. Remove files, unions from the syllabus of ITCP (IT1101)

Changes in the books/
Reference Books/
Literature Sources
published in the syllabi

B. E. First Year:

IT1101: Introduction to computer Programming:



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	of courses	<p>Following book is to be used as a text book for this course, R. G. Dromey," How to solve it by computers", Prentice Hall India.</p> <p>The syllabus need to be modify according to develop the problem solving skills</p>
4	SOE-Syllabus PG (2014)	<ul style="list-style-type: none"> • Include Pure "software Lab" courses like MATLAB, R etc. (of 2 credits and 4 hrs) • Include one lecture of "Technical Communication" • VNIT M.Tech. Syllabus to be referred • Object Oriented course can be replaced with some other courses • Make the course "Pattern Recognition" as a core course and "Soft computing" as an elective. • Introduce "Information Retrieval" as a course in PG. Refer Prabhakar Ragwan's book for the same • Emphasis should be given to basics instead of advance concepts for all the courses. • General PG Comments: 1. After finalizing the SOE of PG including above changes then the syllabus would be discussed.
6	YA-11 & 12 (UG & PG)	Discussed and approved.
8	E-Question Bank.	<p>Review of III Sem. Courses is done.</p> <p>External validation of III Sem. courses are scheduled in 4th week of Feb. 2017.</p> <p>Course Teacher and Panel are decided for the Even Sem. Courses.</p> <p>Suggestions on EQB:</p> <ul style="list-style-type: none"> • Only 20% portion needs to be taken from EQB while preparing the ESE Question Paper. Rest the flexibility should be there with the course teacher/paper setter.



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9	Solution set for E Question Bank	First year ITCP Solution preparation task is divided among Course Teacher. Suggestions on Solution set of EQB: <ul style="list-style-type: none">• Solution Preparation of EQB is not conceptually accepted.
10	General comments on IT UG Program	BOS Members suggested, with the standing of 17 yrs of the Department and the preferences of the students while taking the admission, a new programme "Computer Science & Engineering" with the intake of 60 can be started or UG Program "Information Technology" can be renamed as "Computer Science & Engineering".
11	Feedback received from students /teachers/ employers/alumni/parents regarding teaching learning process in order to review and design the syllabus	Include Python Programming course, Include Industry Aligned course like Business Intelligence, IoT .



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Department of Information Technology Board of Studies in Information Technology

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. A. J. Agrawal	Professor, CSE Deptt., RCOEM, Nagpur	
3	Mr. Abhishek Nachankar	Asst. Prof. CT Deptt., KDK, Nagpur (Alumni Member)	

9/2/17
Dr. U. H. Gawande
Chairperson
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Board of Studies in Information Technology

BOS Meeting-18

Date: 04/02/2017

The following Internal Members have attended the 18th meeting of Board of Studies in Information Technology on 04/02/2017 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	On Leave.
7	Mrs. Swati V. Wakhare (Kale)	
8	Ms. Nisha R. Wankhede	
9	Mr. Manish Hadap	
10	Mr. Sachin Jain	ON Leave
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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Department of Information Technology Board of Studies in Information Technology

Minutes of the meeting

The 19th meeting of the Board of Studies in **Information Technology** was held on **29/07/2017** (Saturday) at 10:00 am in the **Department of Information Technology, YCCE, Nagpur**.

The agenda for the meeting no. 19 was as follows:

- 19.1. Welcome of new members.
- 19.2. Confirmation of minutes of previous Meeting
- 19.3. To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate and Post graduate programs.
- 19.4. To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate and Post-graduate programs.
- 19.5. 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.
- 19.6. To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of UG & PG programs.
- 19.7. To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post graduate programs.
- 19.8. To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.
- 19.9. 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 Odd Term 2017-18.
- 19.5. 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 2017-18.
- 19.6. 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 2017-18.
- 19.7. Preparation of Electronic question Bank for V and VI Sem UG courses. To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM
- 19.8. To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.



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Department of Information Technology Board of Studies in Information Technology

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

19.10. 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.	Mr. Abhishek Nachankar, Member PG Alumni
5.	Mr. S. W. Shende, Member Secretary
6.	Dr. K. K. Bhoyar
7.	Dr. M. M. Raghuwanshi
8.	Mr. R. C. Dharmik
9.	Mrs. Rupa A. Fadanvis
10.	Ms. Nisha R. Wankhade
11.	Mrs. Swati G. Kale
12.	Mr. Manish Hadap
13.	Mr. Sachin Jain
14.	Mr. Bhushan Bawankar
15.	Mr. A. D. Gaikwad
16.	Ms. P. G. Jaiswal
17.	Mr. R. S. Bhanuse
18.	Mr. S. S. Chavhan
19.	Mr. G. K. Yenurkar
20.	Mr. P. R. Hatwar
21.	Mr. K. O. Hajari
22.	Mr. P. Tambekar
23.	Ms. Apurva Naik
24.	Ms. Neha Israni
25.	Mr. Shyam Kute
26.	Ms. Utkarsha Dhote

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Leave of Absence is granted to the following Members:

1	Dr. U. V. Kulkarni , SGGGS Nanded
2	Dr. Avinash Agrawal, RCOEM, Nagpur
3	Mr. Manish Hadap

Following decisions/suggestions are approved in the BoS Meeting:

1	Welcome of new members	Following BoS members were introduced and welcome by Chairperson: Ms. Neha Israni Mr. Shyam Kute Ms. Utkarsha Dhote
2	Confirmation of minutes of previous Meeting.	The minutes of the 18 th Meeting of BoS in Information Technology held on 04/02/2017, were placed on the table and were confirmed unanimously.
3	SOE UG (Autonomous 2014)	Design and Analysis of algorithm (VIth sem) and software Engineering (Vth sem) can be swapped Network Programming can be an elective subject (VIIth sem)
	SOE PG (Autonomous 2014)	In view of employability, skill development and Entrepreneurship following modifications were suggested : Introduce One Common Pure Lab Course in I & II Sem. of M. Tech. (0-0-4) Make the course " Pattern Recognition " as a core course and " Soft computing " as an elective. Introduce " Technical Communication " as a core course. Introduce " Information Retrieval " and " Machine Learning " as Elective course. General PG Comments: • Offer the courses 4 in Ist sem, 4 in IInd sem and 2 in III Sem • Mixed blend of basics and advance concepts should be there for all the courses
4	Syllabus UG (Autonomous 2014)	In view of employability, skill development and Entrepreneurship following modifications were suggested : Minor changes in the syllabi of following theory courses were approved:



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VIII SEM:

IT1419: Software Testing

In view of employability, skill development and Entrepreneurship following modifications were suggested :

Minor changes in the syllabi of following theory courses were suggested:

III SEM :

IT1201: Introduction to Information Technology: Syllabus to be modified and the workshop to be shifted to 3rd sem, so that the practices could go hand in hand

IV SEM :

IT1208: Computer Architecture and Organization (Suggestion - Macros to be removed from CAO)

VIII SEM:

IT1403 Principles of Compiler Design (Suggestion – Introduction to assembler, linker and loader to be included)

IT1423 PE IV: Human Computer Interaction (Syllabus to be discuss in person with Persistent as per suggestion by Mr. Shekhar Patankar. Major focus to be given on Deign for Engineers)

In view of employability, skill development and Entrepreneurship following modifications were suggested :

Minor changes in the syllabi of following Lab courses were suggested:

Sample Problem statements needs to be mentioned in the Practical List.

III SEM :

IT1207 Lab: Microprocessor Based System Design (To refer Gaokar's Book)

IT1205 Lab: Algorithms & Data Structures



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IV SEM :

IT1210 Lab: **Computer Workshop**

IT1203 Lab: **Object Oriented Programming**

V SEM :

IT1304 Lab: **Operating Systems** (To take input from Tiwari Sir)

IT1306 Lab: **Software Engineering** (Give problem definitions by forming a group of 2)

IT1317 Lab: **Data Base Management Systems**

VI SEM :

IT1339 Lab: **Computer Networks** (Try to implement the network algorithms and the network simulator)

IT1331 Lab: **Business Intelligence**

IT1332 Lab: **Design & Analysis of Algorithms**

VII SEM :

IT1404 Lab: **Principle of Compiler Design** (Make specifics with examples)

IT1418 Lab: **Network Programming** (Implementation of the transfer File transfer protocol, chat swapping using UDP software etc to be included)

VIII SEM :

IT1428 Lab: **Data Mining** (Analysis on different data sets can be done)

IT1431 Lab: **Network Security** (Y Shark can be included)

IT1433 Lab: **Cloud Computing** (List to be updated)

IT1438 Lab: **Human Computer Interaction** (By forming a group of 2-3, good problem definitions can be given. Contact to Mr. Shekhar Patankar, Persistent systems Pvt. Ltd. Nagpur for the same). 2nd & 3rd practical is repeated

IT1435 Lab: **Software Quality Assurance** (List to be updated)

IT1437 Lab: **Pattern Recognition** (List to be updated)

IT1439 Lab: **Coding Standard and Technical Documentation** (By framing the practices refer the book of Zoo Keeper)



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		IT1440 Lab: Distributed System									
	Syllabus (Autonomous 2014) PG	VNIT M.Tech. Syllabus to be referred									
5	Changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.	None									
6	Changes in the Academic Regulations governing the UG & PG Programme	None									
7	MOOCs	<p>Following course is identified for inclusion under MOOCs:</p> <p>V Sem.: IT1316 Data Base Management Systems</p> <p>MOOC Course: Fundamentals of Database systems</p> <p>Instructor: Arnab Bhattacharya, IIT Madras</p> <p>Start Date: 24/07/2017 End Date: 30/09/2017</p> <p>https://swayam.gov.in/search?keyword=Fundamentals of database systems</p>									
8	YA-11 & 12 (UG & PG) - 2017-18	Discussed and approved.									
9	E-Question Bank and Solution	<p><u>EOB External validation of following III Sem. Courses were done:</u></p> <table border="1"> <thead> <tr> <th>Course</th> <th>External Member</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>IT1204 : Algorithms & Data Structures</td> <td>Dr. U. A. Deshpande, Head, CSE, VNIT, Nagpur</td> <td>22 July 2017</td> </tr> <tr> <td>IT1201: Introduction to Information Technology</td> <td>Prof. Ashish Tiwari, CSE, VNIT, Nagpur</td> <td>22 July 2017</td> </tr> </tbody> </table>	Course	External Member	Date	IT1204 : Algorithms & Data Structures	Dr. U. A. Deshpande, Head, CSE, VNIT, Nagpur	22 July 2017	IT1201: Introduction to Information Technology	Prof. Ashish Tiwari, CSE, VNIT, Nagpur	22 July 2017
Course	External Member	Date									
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IT1201: Introduction to Information Technology	Prof. Ashish Tiwari, CSE, VNIT, Nagpur	22 July 2017									



Nagar Yuwak Shikshan Sanstha's

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IT1206: Microprocessor Based System Design	Prof. Suresh Balpande, ET Deptt., RCOEM, Nagpur	24 July 2017
--------------------------------------------------	----------------------------------------------------	--------------

EQB Internal Validation of following IV Sem. Courses were done:

Course	Prepared BY	Validation done by
IT1208 Computer Architecture & Organization.	Mrs. S. G. Kale	Mr. R. C. Dharmik
IT1202 Object Oriented Programming	Ms. N.R. Wankhade	Mr. S.W. Shende
IT1209 Theory of Computation	Mr. R. C. Dharmik & Mr. R. S. Bhanuse	Mr. R. C. Dharmik

EQB to be prepared for V sem. :

Sr No.	Course Name	Name of Course Teacher	Names of Internal Panel Members.
1	Operating System	Dr. K.K. Bhoyar	Dr. K.K. Bhoyar
2	Software Engineering	Mr. Amol Gaikwad	Dr. K.K. Bhoyar
3	Data Base Management System	Mr. S.S. Chavhan	Mrs. R.A. Fadnavis
4	Computer Graphics	Dr. U.H. Gawande	Ms. N.R. Wankhade
5	Web Programming	Mr. B.U. Bawankar	Mrs. Swati Kale
6	Data Analysis & Statistics	Mrs. R.A. Fadnavis	Mr. S.W. Shende
7	Web Programming	Mr. G.K. Yenukar	Mrs. Swati Kale

Schedule for completion of E. Que. Bank Unit wise for Vth sem is as follows:



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UNIT No.	Completion Date (On or Before)
1 & 2	20 th August 2017
3 & 4	20 th September 2017
5 & 6	20 th October 2017

Internal Audit of complete E_Que. Bank (6 Units) will be schedule in the 1st week of November- 2017

External Audit of complete E_Que. Bank (6 Units) will be schedule in the 1st week of December- 2017.

EOB to be prepared for VI sem. :

Sr. No.	Course Name	Name of Course Teacher	Names of Internal Panel Members.
1	Computer Networks (As per New Syllabus)	Mr. A. D. Gaikwad	Mr. M. Hadap
2	Business Intelligence	Mrs. R.A. Fadanavis	Industry Expert
3	Design & Analysis of Algorithms	Ms. Nisha Wankhade	Dr. K.K. Bhoyar
4	Artificial Intelligence	Mrs. S.G.Kale	Dr. U.H. Gawande
5	Digital Image Processing	Dr. U.H. Gawande	Dr. K.K. Bhoyar
6	Internet of Things	Mr. Sachin Jain	Industry Expert
7	Distributed and Object Oriented Databases (As per New Syllabus)	Mr. Pankaj Hatwar	Mrs. R.A. Fadanavis
8	Introduction to E-Commerce	Mr.G.K.Yenurkar	Mr.B.U.Bawankar
9	Information	Ms.A.R.Naik	Mr. Sachin Jain



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	Security System		
10	Mobile Communication	Mr A D Chakwad	Mr Sachin Jain

Schedule for completion of E_Que. (Vth sem & VIth sem)

UNIT No.	Completion Date (On or Before) - Vth sem	Completion Date (On or Before) - VIth sem
1 & 2	20 th August 2017	20 th January 2018
3 & 4	20 th September 2017	20 th February 2018
5 & 6	20 th October 2017	20 th March 2018

Internal Audit of complete E_Que. Bank (6 Units) will be schedule in the 1st week of November- 2017 - Vth sem

External Audit of complete E_Que. Bank (6 Units) will be schedule in the 1st week of December- 2017. - Vth sem

Internal Audit of complete E_Que. Bank (6 Units) will be schedule in the 1st week of April - 2018 - VIth sem

External Audit of complete E_Que. Bank (6 Units) will be schedule in the 1st week of May - 2018. - VIth sem

Suggestions on Solution set of EQB:

Solution Preparation of EQB is not conceptually accepted

EQB Solution Preparation (III Sem.) to be done:

Sr. No.	Course Name	Name of Course Teacher
1	IT1204: Algorithms & Data Structures	Ms.Nisha wankhade



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		2	IT1201: Introduction to Information Technology	Mrs. S.G. kale												
		3	IT1206: Microprocessor Based System Design	Mr. Manish Hadap												
		<p>Schedule for completion of solution of E Que. Bank Unit wise:</p> <table border="1"> <thead> <tr> <th>UNIT No.</th> <th>Completion Date (On or Before)</th> </tr> </thead> <tbody> <tr> <td>1 & 2</td> <td>20th August 2017</td> </tr> <tr> <td>3 & 4</td> <td>20th September 2017</td> </tr> <tr> <td>5 & 6</td> <td>20th October 2017</td> </tr> </tbody> </table>			UNIT No.	Completion Date (On or Before)	1 & 2	20 th August 2017	3 & 4	20 th September 2017	5 & 6	20 th October 2017				
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3 & 4	20 th September 2017															
5 & 6	20 th October 2017															
10	SOE UG (2018-2022)	<p>New scheme is discussed. Modifications suggested for the course - Introduction to Information Technology and Computer Workshop. Suggested to add a new course "Concepts in Programming Languages" either in V or VI Sem.</p>														
11	ITCP - 1 st Year Lab course	<p>100 marks Internal evaluation (CA) - 4 MSPAs (25 marks each) Eg. MSPA-1: 25 marks</p> <table border="1"> <thead> <tr> <th>No. of Practicals to be covered</th> <th>Duration</th> <th>Program Execution + Viva-voce</th> <th>Execution of the new programme (problem definition that has not been given earlier)</th> <th>Record Completion + Attendance</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>01 to 03</td> <td>Start of the session to MSE_1</td> <td>10 M</td> <td>10 M</td> <td>5 M</td> <td>25 M</td> </tr> </tbody> </table> <p>- Approved with a suggestion that the hacker ranker score can also be included</p>			No. of Practicals to be covered	Duration	Program Execution + Viva-voce	Execution of the new programme (problem definition that has not been given earlier)	Record Completion + Attendance	Total	01 to 03	Start of the session to MSE_1	10 M	10 M	5 M	25 M
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12	Internship Evaluation	Suggestion – Continuous Evaluation (Guide) – 20 Marks Only one Internal Seminar should be their – 20 Marks 2 nd seminar should be – PQAI – 20 Marks External Evaluation – 40 Marks																																																																																				
13	Syllabus UG – Autonomous 2018	I SEM: IT1101: Introduction to Computer Programming (Suggestion – Include files in unit 6)																																																																																				
14	Modification in Final year scheme to get one semester blank (without running the special term in summer)	<p>Final year (Group A/B)</p> <table border="1"> <thead> <tr> <th>Sr.No</th> <th></th> <th>Code</th> <th>Course</th> <th>T-T-L</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PC(15)</td> <td>IT1403</td> <td>Principle of Compiler Design</td> <td>3-1-0</td> <td>4</td> </tr> <tr> <td>2</td> <td>PC(15)</td> <td>IT1404</td> <td>Lab: Principle of Compiler Design</td> <td>0-0-2</td> <td>1</td> </tr> <tr> <td>3</td> <td>PC(16)</td> <td>IT1417</td> <td>Network Programming</td> <td>4-0-0</td> <td>4</td> </tr> <tr> <td>4</td> <td>PC(16)</td> <td>IT1418</td> <td>Lab: Network Programming</td> <td>0-0-2</td> <td>1</td> </tr> <tr> <td>5</td> <td>PC(17)</td> <td>IT1427</td> <td>Data Mining</td> <td>4-0-0</td> <td>4</td> </tr> <tr> <td>6</td> <td>PC(17)</td> <td>IT1428</td> <td>Lab:Data Mining</td> <td>0-0-2</td> <td>1</td> </tr> <tr> <td>7</td> <td>PC(18)</td> <td>IT1422</td> <td>Network Security</td> <td>3-0-0</td> <td>3</td> </tr> <tr> <td>8</td> <td>PE (3)</td> <td></td> <td>Professional Elective 3</td> <td>3-0-0</td> <td>3</td> </tr> <tr> <td>9</td> <td>PE(4)</td> <td></td> <td>Professional Elective 4</td> <td>3-0-0</td> <td>3</td> </tr> <tr> <td>10</td> <td>PE(4)</td> <td></td> <td>Lab Professional Elective 4</td> <td>0-0-2</td> <td>1</td> </tr> <tr> <td colspan="4">Total</td> <td>20-1-8</td> <td>25 credits</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sr.No</th> <th></th> <th>Code</th> <th>Course</th> <th>T-T-L</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IP</td> <td>IT1424</td> <td>Industrial Project (Industry Visit/ Training/Seminar)</td> <td>0-0-30</td> <td>20</td> </tr> </tbody> </table>	Sr.No		Code	Course	T-T-L	Credits	1	PC(15)	IT1403	Principle of Compiler Design	3-1-0	4	2	PC(15)	IT1404	Lab: Principle of Compiler Design	0-0-2	1	3	PC(16)	IT1417	Network Programming	4-0-0	4	4	PC(16)	IT1418	Lab: Network Programming	0-0-2	1	5	PC(17)	IT1427	Data Mining	4-0-0	4	6	PC(17)	IT1428	Lab:Data Mining	0-0-2	1	7	PC(18)	IT1422	Network Security	3-0-0	3	8	PE (3)		Professional Elective 3	3-0-0	3	9	PE(4)		Professional Elective 4	3-0-0	3	10	PE(4)		Lab Professional Elective 4	0-0-2	1	Total				20-1-8	25 credits	Sr.No		Code	Course	T-T-L	Credits	1	IP	IT1424	Industrial Project (Industry Visit/ Training/Seminar)	0-0-30	20
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		2	ECA	IT1426	Extra Curricular Activity	--	2
		3	STR	IT1425	Comprehensive Viva-Voce	--	3
		Total				0-0-30	25 credits
		Earlier credits were – 53, now it is 50					
		This above scheme known as Autonomous 2018_IT was approved by members of BOS					
15	General comments on IT UG Program	BOS Members suggested, with the standing of 17 yrs of the Department and the preferences of the students while taking the admission, Intake may be increased by 60 or a new UG programme, "Computer Science & Engineering" with the intake of 60 can be started.					
16	To discuss the feedback received from students /teachers/ employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.	Include courses that are industry need today like CRM, Machine Learning, IoT. Prepare the students for ICPC Contest					
17	Any other matter with the permission of the chair	The course " Industrial Programming Language " for 5th sem is considered as an audit course. The course objectives and outcomes, CO-PO, PSO mapping table were approved by the committee.					



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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	Mr. Shekhar Patankar	Persistent systems pvt. Ltd. Nagpur	
3	Mr. Abhishek Nachankar	Asst. Prof. CT Deptt., KDK, Nagpur (Alumni Member)	

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



Nagar Yuwak Shikshan Sanstha's

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Department of Information Technology
Board of Studies in Information Technology

BOS Meeting-19

Date: 29th July 2017

The following Internal Members have attended the 19th meeting of Board of Studies in Information Technology on 29th July 2017 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. Bhojar	
4	Dr. M. M. Raghuwanshi	
5	Mr. R. C. Dharmik	
6	Mrs. Rupa A. Fadanvis	
7	Ms. Nisha R. Wankhade	
8	Mrs. Swati G. Kale	
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13	Mr. S. S. Chavhan	
14	Mr. G. K. Yenurkar	
15	Mr. R. S. Bhanuse	

Dr. U. H. Gawande

Chairperson

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Minutes of the meeting

The 20th meeting of the Board of Studies in **Information Technology** was held on **06/01/2018** (Saturday) at 10:00 am in the **Department of Information Technology, YCCE, Nagpur.**

- 20.1 Confirmation of minutes of previous Meeting.
- 20.2 To prepare & propose Scheme of Examination 2018 for UG programme.
- 20.3 To discuss and suggest the changes in the Scheme of Examination (known as Autonomous 2014) of the Undergraduate program.
- 20.4 To discuss and suggest the minor changes in the syllabi of various courses in Autonomous 2014 Schemes of Undergraduate program.
- 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 Program.
- 20.6 To discuss and approve the list of experiments, wherever there is a change, in the laboratory courses of UG program.
- 20.7 To discuss and suggest the changes in the Academic Regulations governing the Undergraduate and Post-graduate programs.
- 20.8 To discuss and propose the new courses/MOOCs received from the faculty for inclusion in the curriculum.
- 20.9 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 2017-18.
- 20.10 To prepare and propose the panel of internal and external examiners for the various laboratory and other non-theory courses at UG level that will be examined in End Semester Examination Even Term 2017-18.
- 20.11 Preparation of Electronic Question Bank for V and VI Sem UG courses. To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM
- 20.12 To discuss and suggest the changes/additions/deletions/alterations in the existing Evaluation Process for theory and other courses.
- 20.13 To discuss the feedback received from students /teachers/ employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.
- 20.14 Any other matter with the permission of the Chair.



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Department of Information Technology Board of Studies in Information Technology

Following BoS Members were present:

Sr. No.	Name
1.	Dr. U. H. Gawande, Chairperson,
2.	Dr. U. A. Deshpande, CSE VNIT Nagpur
3.	Dr. Avinash Agrawal, RCOEM, Nagpur
4.	Mr. Abhishek Nachankar, Member PG Alumni
5.	Mr. S. W. Shende, Member Secretary
6.	Dr. K. K. Bhoyar
7.	Dr. M. M. Raghuwanshi
8.	Mrs. Rupa A. Fadanvis
9.	Mrs. Swati G. Kale
10.	Mr. Sachin Jain
11.	Mr. Bhushan Bawankar
12.	Mr. A. D. Gaikwad
13.	Mr. R. S. Bhanuse
14.	Mr. S. S. Chavhan
15.	Mr. G. K. Yenurkar
16.	Mr. P. R. Hatwar
17.	Mr. P. Tambekar
18.	Ms. Apurva Naik

Leave of Absence is granted to the following Members:

1	Dr. U. V. Kulkarni, SGGGS Nanded
2	Mr. Shekhar Patankar, Persistent Systems Pvt. Ltd. Nagpur
3	Mr. R. C. Dharmik
4	Mr. Manish Hadap
5	Ms. Nisha R. Wankhade
6	Mr. K. O. Hajari

Following decisions/suggestions are approved in the BoS Meeting:



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1	Confirmation of minutes of previous Meeting.	The minutes of the 19 th Meeting of BoS in Information Technology held on 29th July 2017 , were placed on the table and were confirmed unanimously.
2	To prepare & propose Scheme of Examination 2018 for UG programme.	<p>Prepared draft copy of UG-SoE 2018-2022 is placed for the discussion. Following suggestions were given by the expert:</p> <ol style="list-style-type: none">1. Remove the course Introduction to Web Programming (T+L) from III Sem and Introduce the contents of the above course as a Lab Course and run it as Software Lab-I (P) [III Sem]2. In place of Introduction to Web Programming, the new course Concepts (Design) in Programming Languages (T+L) in III Sem can be introduced. [that covers the concepts of OOP, Procedural languages, etc.]3. Remove Object Oriented Programming (T+L) from IV Sem. and introduce Operating Systems (T+L).4. Software Lab-II (IV Sem) needs to cover the concepts of Open Source Tools, Shell Programming, Semaphores, Scripting Languages, Python, etc.5. Introduce the course Software Engineering in the place of Operating Systems in V Sem.6. Introduce the course Data-Mining as a core course in the place of Software Engineering in VI Sem.7. Introduce the course Artificial Intelligence (T+L) as an Elective in VI Sem.8. Elective Data Analysis and Statistics needs to be shifted to V Sem.9. Elective Business Intelligence needs to be shifted to VI Sem.10. Elective Parallel Computing needs to be shifted to VII Sem.11. Network Programming can go in 5th sem12. Mobile communication and Human Computer Interaction can go in lower semesters
3	SOE UG (Autonomous 2014)	No Change



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4	Syllabus UG (Autonomous 2014)	No Change
5	Changes in the books/ Reference Books/ Literature Sources published in the syllabi of courses in various Schemes of Undergraduate and Postgraduate Programs.	None
6	Changes in the Academic Regulations governing the UG & PG Programme	None
7	MOOCs	<p>In view of employability, skill development and Entrepreneurship Following course is identified for inclusion under MOOCs in even semester 2017-18:</p> <p>Course Name: Distributed Systems Course code: IT1421 Class: VIII Semester</p> <p>PRE-REQUISITES:</p> <p>Minimum: Data Structures and Algorithms Ideal: Basic networking concepts, Basic OS concepts (e.g., processes, threads, synchronization, file systems, scheduling etc.), Advanced Programming (Good knowledge in C and C++)</p> <p>Syllabus:</p> <p>COURSE LAYOUT</p> <p>Week 1: Introduction to DS, Message Passing, Leader Election,</p>



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Department of Information Technology Board of Studies in Information Technology

Distributed Models, Causality and Logical Time

1. Introduction to Distributed Systems
2. Basic Algorithms in Message Passing System
3. Leader Election in Rings
4. Distributed Models of Computation, Causality & Logical Time

Week 2: Logical Time, Global State & Snapshot and Distributed Mutual Exclusion-Non-Token and Quorum based approaches

1. Size of Vector Clock, Matrix Clocks, Virtual Time and Physical Clock Synchronization
2. Global State and Snapshot Recording Algorithms
3. Distributed Mutual Exclusion and Non-Token based Approaches
4. Quorum Based Distributed Mutual Exclusion Approaches

Week 3: Distributed Mutual Exclusion-Token based approaches, Consensus & Agreement, Checkpointing & Rollback Recovery

1. Token Based Distributed Mutual Exclusion Approaches
2. Consensus and Agreement Algorithms
3. Checkpointing & Rollback Recovery

Week 4: Deadlock Detection, DSM and Distributed MST

1. Deadlock Detection in Distributed Systems
2. Distributed Shared Memory
3. Distributed Minimum Spanning Tree

Week 5: Termination Detection, Message Ordering & Group Communication, Fault Tolerance and Self-Stabilization

1. Termination Detection in Distributed System
2. Message Ordering and Group Communication
3. Fault tolerance
4. Self-Stabilization

Week 6: Distributed Randomized Algorithms, DHT and P2P Computing

1. Distributed Randomized Algorithms-I



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2. Distributed Randomized Algorithms-II
3. Distributed Hash Table & Peer to Peer Computing-I
4. Peer to Peer Computing-II

Week 7: Case Studies: GFS, HDFS, Map Reduce and Spark

1. Google File System and HDFS
2. Distributed Execution using Map Reduce-I
3. Map Reduce-II
4. Introduction to Spark

Week 8: Case Studies: Sensor Networks, Authentication & Security in DS

1. Introduction to Sensor Networks
2. Distributed Algorithms for Sensor Networks
3. Authentication in Distributed Systems
4. Security in Distributed Systems and Block Chain

COURSE INSTRUCTOR

Dr. Rajiv Misra is an Associate Professor in Department of Computer Science and Engineering at Indian Institute of Technology Patna

<http://nptel.ac.in/syllabus/syllabus.php?subjectId=106106168>

8 YA-11 & 12 (UG & PG) – 2017-18

Discussed and approved.

9 E-Question Bank and Solution

Status of E-Question Bank:

Sr. No.	Subject	Semester	Name of faculty member	Status
1	Introduction To Computer Programming	1 st /2 nd Sem	Ms. Nisha Wankhade, Mrs P. Jaiswal, Mr. Sushil Chauhan, Mr. Roshan Bhanuse, Mr. Pratik	Prepared



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			Tambekar, Mr. Pankaj Hatwar	
2	Introduction to Information Technology	3 rd sem	Ms. Apurva Naik	Prepared.
3	Microprocessor Based System Design	3 rd sem	Mr.G.K.Yenurkar	Prepared.
4	Algorithm & Data Structures	3 rd sem	Mrs. Kiran Gawhale	Prepared.
5	Computer Architecture & Organization.	4 th Sem	Mrs. S.G.Kale	Prepared.
6	Object Oriented Programming	4 th Sem	Mr.Kamal Hajari	Prepared.
7	Theory of Computation	4 th Sem	Mr. R.C.Dharmik	Prepared.
8	Operating Systems	5th sem	Dr. K.K.Bhojar	Proposed
9	Software Engg.	5th sem	Mrs. S.G.Kale.	Prepared. Internal and External verification is to be done
10	Database Management System	5th sem	Mrs.Priyanka Jaiswal	Prepared. External verification is to be done
11	Computer Graphics	5th sem	Dr.U.H.Gawande	Prepared. External verification is to be done
12	Web programming	5th sem	Mr.G.K.Yenurkar	Prepared. External verification is to be done



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13	Data Analysis & Statistics	5th sem	Mrs.R.A.Fadnavis	Prepared. External verification is to be done
14	Web Technology	5th sem	Mr.Kamal Hajari	Prepared. External verification is to be done
15	Computer Networks (As per New Syllabus)	6th sem	Mr. A. D.Gaikwad	Proposed
16	Business Intelligence	6th sem	Mrs. R.A.Fadanavis	Proposed
17	Design & Analysis of Algorithms	6th sem	Ms. Nisha Wankhade	Proposed
18	Artificial Intelligence	6th sem	Mrs. S.G.Kale.	Proposed
19	Digital Image Processing	6th sem	Dr. U.H.Gawande	Prepared. External and Internal verification is to be done
20	Internet of Things	6th sem	Mr. Sachin Jain	Prepared. External and Internal verification is to be done
21	Distributed and Object Oriented Databases (As per New Syllabus)	6th sem	Mr.Pankaj Hatwar	Proposed
22	Introduction to E-Commerce	6th sem	Mr.G.K.Yenurkar	Proposed
23	Information Security	6th sem	Ms.A.R.Naik	Proposed
24	Information	6th sem	-	Proposed



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	System			
25	Mobile Communication	6th sem	Mr.A.D. Gaikwad	Proposed
26	Principles of Compiler Design	7th sem	Mr. R. S. Bhanuse	Prepared. External and Internal verification is to be done
27	Network Programming	7th sem	Mr. Pankaj Hatwar	Proposed
28	Data Mining	8th sem	Mr.S.S.Chavhan	Proposed
29	Network Security	8th sem	Mr. P. Hatwar	Proposed
30	Real Time Systems	8th sem	Mr. S. W. Shende	Prepared. External and Internal verification is to be done
31	Neural Networks and Fuzzy Logic	8th sem	Dr.K.K. Bhojar	Proposed
32	ACN (Free Elective)	8th sem	Mr. Amol Gaikwad	Prepared. External and Internal verification is to be done
33	E-Commerce	8th sem	Mr. G. K. Yenurkar	Proposed
34	Cloud Computing	8th sem	Mr.R.C.Dharmik	Proposed
35	Human Computer Interaction	8th sem	Mrs.Priyanka Jaiswal	Proposed
36	S/W Quality Assurance	8th sem	Ms. N.R.Wankhade	Proposed
37	Pattern Recognition	8th sem	Mr. Kamal Hajari	Prepared. External and Internal verification is to be done
38	Coding Standard	8th sem	-	Proposed



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		and Technical Documentation				
		39	Distributed Systems	8th sem	Mr.S.W.Shende	Proposed
10	E-Question Bank	Solution set for EQB (25%) has been prepared for the following courses: 1 st Year: Introduction to Computer Programming III Sem. <ul style="list-style-type: none"> • Algorithm and Data Structures • Introduction to Information Technology • Microprocessor Based System Design 				
11	Discuss and Suggest the changes/additions/deletions/alterations in existing evaluation process for theory and other courses.	No change				
12	To discuss the feedback received from students /teachers/ employers/alumni/parents regarding teaching learning process in order to review and design the syllabus.	For Internship Include the reputed companies. Incorporate more corporate based approach of curriculum.				



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Department of Information Technology Board of Studies in Information Technology

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. Avinash Agrawal	Prof. CSE, RCOEM, Nagpur	
3	Mr. Abhishek Nachankar	Asst. Prof. CT Deptt., KDK, Nagpur (Alumni Member)	

Dr. U. H. Gawande

Chairperson

BoS in Information Technology

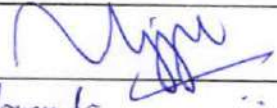


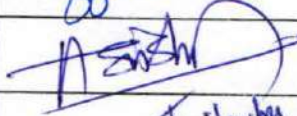



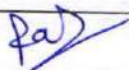



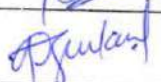
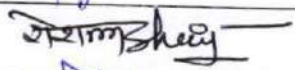

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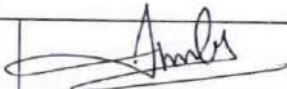

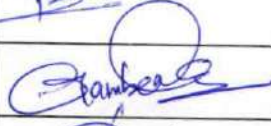
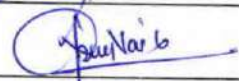
Board of Studies in Information Technology

BOS Meeting-20

Date: 06-01-2018

The following Members have attended the 19th meeting of Board of Studies in Information Technology on 6th January 2018 at 10:00 am.

Sr. No.	Name	Signature
1	Dr. U. H. Gawande, Chairperson,	
2	Dr. U. A. Deshpande , CSE VNIT Nagpur	
3	Dr. Avinash Agrawal, CSE RCOEM Nagpur	
4	Mr. Abhishek Nachankar, Member PG Alumni	
5	Mr. S. W. Shende, Member Secretary	
6	Dr. K. K. Bhoyar	
7	Dr. M. M. Raghuwanshi	
8	Mr. R. C. Dharmik	← ABSENT →
9	Mrs. Rupa A. Fadanvis	
10	Mrs. Swati G. Kale	
11	Mr. Manish Hadap	— ABSENT —
12	Mr. Sachin Jain	
13	Mr. Bhushan Bawankar	
14	Mr. A. D. Gaikwad	
15	Mr. R. S. Bhanuse	
16	Mr. S. S. Chavhan	

17	Mr. G. K. Yenurkar	
18	Mr. P. R. Hatwar	
19	Mr. P. Tambekar	
20	Ms. Apurva Naik	



Dr. U. H. Gawande

Chairperson BoS IT



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Board of General engineering

Agenda: 15th Board of Studies Meeting

Saturday, 29th July 2017, Time :11.00 a.m.

Item No. 15.01

Welcome of new members

Item No. 15.02

Installation of member Secretary

Item No. 15.03

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

Item No. 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

Item No. 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.

Item No. 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.

Item No. 15.07

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

Item No. 15.08

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

Item No. 15.09

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

Item No. 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 ODD Term 2017-18

Item No. 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 ODD Term 2017-18

Item No. 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 ODD Term 2017-18

Item No. 15.13

Preparation of Electronic question Bank for V and VI Sem UG courses
To review solutions to all questions of Electronic Question Banks for all courses of III and IV SEM

Item No. 15.14

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

Item No. 15.15:

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. 15.16:

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

Item No. 15.17

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 15th BoS meeting in GE

29/07/2017

The 15th BOS meeting of General Engineering board was held on Saturday, 29th July 2017 in Science building, room no - Sc 007 at 11.00 am. The list of the board members those were present for the meeting is attached herewith. The leave of absence have been granted to Dr.Ghulghule, Dr.Bhake, Dr.Sarda,, Dr.Bahatkar. The VC nominee Dr.G.S.Khadekar and expert academician Dr.Abha Sargaonkar were out of station hence leave of absence is also grated to them.

Following agenda points were deliberated in the meeting. :

Item no	Details
15.01	The meeting begin with the welcome of new BoS members Dr.Mrs.A.S Ghogre , Ms.S.P.Theng in Mathematics dept. and Ms. Preeti Gokhale in Humanities .
15.02	Member secretary is same (No change)
15.03	Minutes of previous meeting were confirmed. The new elective proposed by Physics and Maths department have been implemented to sixth semester from even term 2017. The elective proposed by Chemistry department could not be implemented from odd term 2017 since no faculty was sanction for the same .
15.04	No change in the Scheme of Examination (Autonomous 2014) of the Undergraduate and Post graduate programs conducted under the Board.
15.05	No changes in the syllabi of various courses in Autonomous 2014 Scheme.
15.06	No changes suggested in the books/ Reference Books/ Literature Sources published in the syllabi of courses by faculty.
15.07	One new experiment which was added and approved in the previous meeting is implemented by Physics Department from odd 2017 term and it will be conducted as a regular experiment.
15.08	No changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.


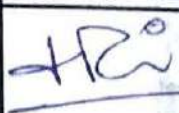




15.09	Four new Audit courses and one Open elective are proposed by the Maths & Humanities department for inclusion in the curriculum. The courses are : 1.Probability theory and Statistical Inference --- Open elective for sixth Semester : GE1415
15.10	The panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs have been suggested by respective HODs.
15.11	Respective HODs have proposed the list of question paper setters and evaluators under the Board that will be examined in odd Semester Examination 2017-18
15.12	Respective HODs have proposed the panel of internal and external examiners for the various laboratory courses at UG levels that will be examined in End Semester Examination odd term 2017-18.
15.13	Respective HODs have reviewed some addition/deletion in the question bank of all first year courses. The question bank validation for III and IV semester is completed. All members were asked to prepare the solution bank for III and IV semester and question bank for V and VI semester.
15.14	No change in the existing Evaluation Process for theory and Practical courses under GE board.
15.15	Course Completion feedback from faculties are submitted to head-departments of Applied Physics, Applied Chemistry and Applied Mathematics and Humanities.
15.16	Communication Skill development activities are suggested to organize.
15.17	The meeting ended with vote of thanks to the chair.


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

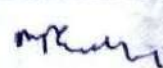

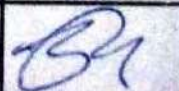

Dr.Mrs.H.V.Ganvir
 Secretary , BoS in GE

List of BOS Members in General Engineering (Odd Term 2017-18)

Following members have attended the 15th BOS meeting on Saturday, 29/07/2017
in SC-203 at 11:00am

Sr. No.	Name	Mobile No	E-mail	Signature
1	Dr. Mrs. S.A.Fadanvis BoS Chairman	9890181989	safadnavis@gmail.com	
2	Dr. Mrs. H.V. Ganvir Member Secretary	9011099089	hrwasnik@gmail.com	
3	Dr. G. S. Khadekar Professor, RTMNU, Nagpur VC nominee	901123123	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	
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	(AB)
11	Prof.(Mrs.)M.S.Dani	9373914656	danimamta@gmail.com	Mam
12	Dr. P.B.Bahatkar	9764996482	pbahatkar@yahoo.com	(AB)
13	Dr. Malavika Adak	8793435532	malabikaadak@yahoo.co.in	Adak
14	Mr. Asfar Siddiqui	9372256901	asfar1811@gmail.com	As
15	Mr. D.P.Bawane	9423673952	dnyanesh02@gmail.com	D.P.Bawane
16	(Mrs.) A S Ghogre	9370251942	arti_ghogre@rediffmail.com	Arti
17	Mr.M.N.Dandale	9665167228	milinddandale@gmail.com	Milind
18	Mr.A.J.Meshram	9766462758	akj.meshram@gmail.com	A.J.Meshram
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Board of General engineering

Agenda: 16th Board of Studies Meeting

Saturday, 6th January 2018, Time :10.15 a.m.

Item No. 16.01

Welcome of new members

Item No. 16.02

Installation of member Secretary

Item No. 16.03

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

Item No. 16.04

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. 16.05

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.

(Comment: Consider the remarks given by the faculty in course completion reports of previous terms)

Item No. 16.06

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. 16.07

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

(Comment: The laboratory courses may be described in greater details for easy understanding by students.)

Item No. 16.08

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

Item No. 16.09

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

Item No. 16.10

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 2017-18

Item No. 16.11

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 2017-18.

(Comment: Question papers of all the courses of PG programs are set and evaluated by the course instructor from Even Term 2017-18. The grades of the students will also be decided by the Course Instructors.)

Item No. 16.12

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 2017-18

Item No. 16.13

Preparation of Electronic question Bank for V and VI Sem UG courses. To review solutions to all questions of Electronic Question Banks for all courses of IV SEM

Item No. 16.14

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

Item No. 16.15

To prepare & propose Scheme of Examination 2018 for UG & PG programmes.

Item No. 16.16

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

Item No. 16.17:

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

Item No. 16.18

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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Minutes of 16th BoS meeting in GE


24/01/2018


The 16th BOS meeting of General Engineering board was held on Saturday, 20th January 2018 in Science building, room no - Sc 007 at 11.00 am. The list of the board members those were present for the meeting is attached herewith. The leave of absence have been granted to Dr.Ghulghule, Dr.Bhake, Dr.Bahatkar, Ms Arvinder. The expert from Industry Mr.U.Oke was out of station hence leave of absence is also granted to him.

Following agenda points were deliberated in the meeting. :

Item no	Details
16.01	The meeting begin with the welcome of new BoS member Ms.Panditkar.
16.02	Member secretary is same (No change)
16.03	Minutes of previous meeting were confirmed . Action taken: One new experiment added in Physics Lab is conducted as a regular experiment. The OE suggested by Maths and four audit courses for functional English have been implemented.
16.04	No change in the Scheme of Examination (Autonomous 2014) . <i>However Dr.Band, Dr.Khadekar, Dr.Nanoti insisted that the tutorials is to be allotted for Physics and Chemistry.</i>
16.05	Some minor changes have been suggested by course teacher Ms.Vishakha Bhandarkar in the "Fundamental of Economics" course.
16.06	No changes suggested in the books/ Reference Books/ Literature Sources published in the syllabi of courses by faculty.
16.07	No change have been proposed in the list of experiments for UG courses.
16.08	No changes in the Academic Regulations governing the Undergraduate and Post graduate programs conducted under the Board.

16.09	No new courses/MOOCs suggested . However Dr Nanoti and Dr Khadekar insisted the faculty to suggest new MOOCs courses. They also suggested to initiate in the direction of PG courses in Applied Sciences .
16.10	The respective HODs have suggested the panel of paper setters, Moderators and Valuers for the various theory courses at Undergraduate programs.
16.11	Respective HODs have proposed the list of question paper setters and evaluators under the Board that will be examined in Even Semester Examination 2017-18
16.12	Respective HODs have proposed the panel of internal and external examiners for the various laboratory courses at UG levels that will be examined in End Semester Examination Even term 2017-18.
16.13	Respective HODs have reviewed some addition/deletion in the question bank of all first year courses. All members were asked to prepare the Question bank for V and VI semester and to review the solutions to question bank for all courses of IV semester.
16.14	No change in the existing Evaluation Process for theory and Practical courses under GE board. However Dr.R.A.Patil expressed that the Practical marks should be reduced to 50%.(Since the credits for practical is 1)
16.15	Course Completion feedback from faculties are submitted to head-departments of Applied Physics, Applied Chemistry and Applied Mathematics and Humanities.
16.16	Communication Skill development activities like Debate competition Competition to be organized.
16.17	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




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