



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

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

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

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-242919, 242623, Fax: 07104-242376, Website: www.ycce.edu

E-mail : principal@ycce.edu, info@ycce.edu

Minutes of 26th meeting of Academic Council held on 4th September, 2021

The 26th meeting of Academic Council was held on 4th September 2021 at 11.00 am through video conferencing mode using google meet Online Platform. Following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	14	Dr. Mrs. R.D. Wajgi, HoD Computer Technology
2	Prof. Dr. N.C. Sivaprakash I,I,Sc., Bangalore	15	Dr. R.C. Dharmik, HoD, Information Technology
3	Dr. Niranjan Deshkar RCOEM, Nagpur	16	Dr. Mrs. M.A. Adak, HoD Mathematics and Humanities
4	Dr. Madhukar Bhotmange LIT, Nagpur	17	Dr. Mrs. H.V. Ganvir, HoD Physics
5	Dr.P.D. Pachpor RCOEM, Nagpur	18	Dr. Mrs. P.U. Waghe, HoD, Chemistry
6	Shri Amol Deshpande, Sr. Manager - HR, Mahindra & Mahindra Ltd., Mumbai	19	Dr. Mrs. Manjusha P. Gandhi, Chairman, BoS general Engineering & FYC
7	Shri Swapnil Shukla, Senior Talent Partner (APAC Region) GitHub (Microsoft), Hyderabad.	20	Dr. Arvind Bhagatpatil, Dean (P & D)
8	Shri Urvish Pandey Campus Recruitment & University Relations, Mastercard India, Pune-	21	Prof. D.R. Raut, CoE, YCCE,
9	Dr. S.P. Raut HoD, Civil Engineering	22	Dr. Ms. U.H. Gawande, Dean (R&D)
10	Dr. J.P. Giri HoD, Mechanical Engineering	23	Dr. Mrs. G.M. Dhopavkar Dean (T&P)
11	Dr. S.G. Kadwane, HoD , Electrical Engineering	24	Prof. Aniket P. Munshi, Dean (SA)
12	Dr. R.D. Thakare, HoD Electronics Engineering	25	Dr. A.V. Patil, Dean (Acad. Mat.) & Member Secretary
13	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering		

Leave of Absence granted to

1	Dr. P.K. Dakhole, Registrar YCCE, Nagpur		
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Item 26.01: Welcome of new members

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

Item 26.02 To confirm the Minutes of 25th Meeting of the Academic Council

The Academic Council unanimously approved the minutes of 25th meeting of Academic Council held on 13th March, 2021 in online mode

Item 26.03 To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2018 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 2018" scheme are as below :-

❖ The minor changes in the course contents suggested by the BoS for UG/PG programmes

Branch	SoE	Sem	Course Code & Name
Civil Engg.	2018	6	CV2370 PE-II :Structural Industrial Practices shifted to VII sem as Structural Engineering Practices
	2018	7	CV 2429-PE-IV Watershed Management
	PG	2	PG - CV3979 PE-I : Hazardous Waste Management
Mechanical Engg.	2018	3	ME2201- Material Science and Metallurgy
	2018	3	ME2205 - Mechanics of Material
	2018	3	ME2207- Kinematics of Machinery
	2018	3	ME2208- Fluid Mechanics
	2018	4	ME2254- Manufacturing Process-II
	2018	5	ME2301- Heat Transfer
	2018	5	ME2303- Dynamics of Machines
Electrical Engg.	2018	PG	Additional PE 1) PE2: Wide Area Monitoring and Control 2) PE2: Microgrid 3) PE3: Solar System Design
	2018	7	EL2423: Professional elective III : Electrical Energy Audit and Safety Analysis to be renamed as Electrical Energy Management and Audit
	2018	2	(PG)EL3920 - PE II: Restructuring of Power System
Electronic Engg.	2018	5	EE 2313- PE I: Embedded Systems
	2018	5	EE2333 – OE I: Biomedical Instrumentation
	2018	7	EE2443 PE VI: Biomedical Instrumentation
	2018	5	EE2317 PE I: Applied machine Learning
	2018	6	EE2361 PE II: Internet of Things



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❖ The changes in the laboratory Courses suggested by the BoS as below

Branch	SoE	Sem	Course Code & Name
Computer Science & Engg.	2020		CSE2203 lab: Object Oriented Programming List of practicals should be generalized one CSE2252- Lab: Operating system Remove case study- amoeba , introduce practical on Semaphores CSE2205- Lab Data Structure -I List of practicals should be generalized one CSE2254- Lab Data Structure -II List of practicals should be generalized one

❖ Following MOOC'S courses are suggested by BoS for students for the session 202-21.

Branch	Course Name
Civil Engg.	CV2207 - Water Supply Engineering
Electrical Engg.	EL2384- Solar power plant design and Installation

The Academic Council approved changes in course contents and changes in the text/reference books, laboratory and MOOC Courses for the courses mentioned above. These changes will be incorporated with immediate effect.

The Academic Council suggested about introducing following agenda points into BoS meetings,

- Discussion on CO-PO attainment for the subjects taught in the preceding semester and propose the actions to be taken.*
- Discussion on result analysis for the subjects taught in the preceding semester and propose the actions to be taken.*

Item 26.04 To discuss and finalize the changes, if any, in Academic Regulations

Following changes in the Academic Regulations of UG & PG programs were put up before the members of academic council. Academic Council discussed and approved the same.

Previous Evaluation Scheme	New Evaluation Scheme
MSE-1 - 15 Marks (Based on Unit 1 & 2) MSE-2 -15 Marks (Based on Unit 3 & 4) MSE-3 -15 Marks (Based on Unit 5 & 6)	MSE-1 - 15 Marks (Based on Unit 1 & 2 & 3) MSE-2 - 15 Marks (Based on Unit 4 & 5 & 6) RE-MSE -15 marks (Based on unit 1 to 6) MSEs* = Two MSEs of 15 Marks each will conducted and marks of these 2 MSEs will be considered for Continuous Assessment TA ** = for Theory : 12 marks on lecture quizzes, 12 marks on two TA2 activities decided by course teacher, 2 marks on class attendance and 4 marks on TA4 activities TA** = for Practical : MSPA will be 15 marks each

The Academic Council approved the changes in the MSE Examination numbers and paper pattern to be implemented wef ODD Term 2021-22.



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Item 26.05 To discuss and approve the report of Controller of Examinations for Even Term 2020-21 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 and accepted. Academic council suggested of reducing result declaration days.

The Academic Council approved the report of Controller of Examinations for Even Term 2020-21

Item 26.06 To discuss and approve the changes, if any, in Examination Manual.

In view of unprecedented situation arisen because of CORONA PANDEMIC, UGC, Govt. of Maharashtra and RTMNU issued various guidelines and directions. Based on the same, some certain directions were issued by Principal YCCE for smooth conduct of examinations as below,

- i) Principal's Direction No 2 of 2021, " Direction for guidelines for conduct of Special ESE Summer 20-21".
- ii) Principal's Direction No 3 of 2021, " Direction for guidelines to conduct ESE of ODD 2021-22 Online / Offline Pen Paper method as per Permission of GoM / UGC / RTMNU".

Above directions were put up before the members of academic council. Academic Council discussed and approved the same.

These Principal Directions were added to Examination Manual as appendices.

Item 26.07 To discuss and approve the report of Dean (Academic Matters) for Even Term 2020-21.

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

The Academic Council approved the report of the Dean (Academic Matters) for the Even Term of 2020-21.

Item 26.08 To discuss and approve the report of Research Centre Activities for Even Term 2020-21.

The report of the Research Centre Activities was put before the members. The report of Research Centre Activities for Even Term 2020-21 was approved by the Academic Council.

The Academic Council approved the report of Research Centre Activities for the Even Term of 2020-21.



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Item 26.09 To discuss and approve the report of the Training and Placement Cell for Even Term 2020-21.

The report of the Training and Placement Office was put before the members. The report of Training and Placement Office for Even Term 2020-21 was approved by the Academic Council

The Academic Council approved the report of Training and Placement Cell for the Even Term of 2020-21.

Item 26.10 To discuss new UG programmes for A.Y. 2021-22 and certificate courses for the A.Y. 2021-22

a) New UG programmes for A.Y. 2021-22

The Draft SoE of four new UG programme was put before the academic council members and were discussed. In view of guidelines by AICTE, the Academic Council was requested to authorize Chariman to decide to finalize SoE of new UG programme as per the AICTE guidelines.

The academic council unanimously authorized The Chairman, Academic Council to take appropriate decisions for finalize SoE of new UG programmes for AY 2021-22 in view of AICTE Guidelines.

b) Certificate / Value Added courses for the A.Y. 2021-22

Following Certificate courses proposed for AY 2021-22 were put before academic council,

Sr.No	Deptt.	Certificate / Value Added Course
1.	CV	One certification course on CAD
2.	CV	One certification course on STADD-Pro
3.	CV	One certification course on Microsoft Project
4.	CV	Value added courses on BIM
5.	CV	Value added courses on Watergems
6.	CV	One certification course on design concepts for offshore structures
7.	ME	Introduction & Application of CAE Using ANSYS for students
8.	ME	Pipe designing using PDMS
9.	ME	Introduction & Application of CAE Using ANSYS for students
10.	ME	Computer aided manufacturing using NX -CAM
11.	ME	Modeling, simulation, and optimization using MATLAB
12.	ME	Advances of computer aided design
13.	EL	IoT Programing
14.	EL	MATLAB Programming for Electrical Engineers
15.	EL	Substation Design by AVEVA software
16.	EL	Electrical Machines and Drives in association with Ajni Loco shed
17.	EE	Graphics Programming



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**Minutes of 25th meeting of Academic Council held on
13th March, 2021**

The 25th meeting of Academic Council was held on 13th March, 2021 at 11.00 am through video conferencing mode using google meet Online Platform. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	14	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics and Humanities
2	Prof. Dr. N.C. Sivaprakash I,I,Sc., Bangalore	15	Dr. J.R. Ghulghule, HoD Physics
3	Dr. Hemant Hajare, ITM College of Engineering, Nagpur	16	Dr. Mrs. P.U. Waghe, HoD, Chemistry
4	Mr. Sameer Bendre, Chief People Officer,	17	Dr. P.K. Dakhole, Registrar, YCCE
5	Mr. Priyadarshan Kshirsagar, Senior General Manager, PLO PL, EVB Unit Tata Motors Ltd., Pune	18	Dr. Arvind Bhagatpatil, Dean (P & D)
6	Dr. N.G. Bawane, Principal, Jhulelal Institute of Technology, Nagpur	19	Prof. D.R. Raut, COE, YCCE,
7	Dr. V.G. Meshram HoD, Civil Engineering	20	Dr. A.M. Pande, Professor in Civil Engg, YCCE and Director (R&D)
8	Dr. S. S. Chaudhary, HoD, Mechanical Engineering	21	Dr. R.D. Thakare, Professor, Electrical Engineering, YCCE
9	Dr. Mrs. S. P. Adhau , HoD 's representative , Electrical Engineering	22	Prof. Aniket P. Munshi, Electrical Engineering ,YCCE
10	Dr. P.T. Karule, HoD Electronics Engineering	23	Dr. A.V. Patil, Dean (Acad. Mat.) & Member Secretary
11	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering		
12	Dr. Mrs. G.M. Dhopavkar, HoD Computer Technology		
13	Dr. R.C. Dharmik, HoD, Information Technology		

Leave of Absence granted to			
1	Dr. Rajesh Pande, Principal, Shri Ramdeobaba College of Engineering and Management, Nagpur	2	Mr. Milind Kank, Managing Director, Yeshshree Industries Ltd., Aurangabad



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Item 25.01: Welcome of members

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

Item 25.02 To confirm the Minutes of 24th Meeting of the Academic Council

The Academic Council unanimously approved the minutes of 24th meeting of Academic Council held on 7TH November,2020 on online mode

Item 25.03 To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2014 and Autonomous 2018 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” and “Autonomous 2018” scheme as below :-

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

Branch	SoE	Sem	Course Code & Name
Mechanical Engg.	2018	4	ME2252 Engineering Thermodynamics
	2014	8	New PEIV-Earth Moving Equipment
Computer Tech.	2018	3	CT 2202 Object Oriented programming
	2018	5	CT 2301 Computer Networks
Information Tech.	2018	5	IT-2331: OE- II: Machine Learning
	2018	6	IT2361: PE-II Machine Learning
	2018	7	IT2412 :PE-III – Real Time Systems
	2018	7	IT2413: PE-III– Network Security
	2018	7	IT2414 – Information Retrieval
	2018	7	IT2421 – (PEIV) Neural Network and Fuzzy Logic
	2018	7	IT2422 – (PEIV) LAB: Neural Network and Fuzzy
	2018	7	IT2432 – Distributed Systems
	2018	7	PE-VI-IT2444 – Natural Language Processing
Electronic & Telecomm. Engg.	2018	5	ET 2323/ET 2393–OE II/ OE IV: Medical Electronics
Electrical Engg.	2018	8	EL1436: PE IV : Fundamentals of Smart Grid
Electronics Engg.	2018	5	EE 2311- PE I: Computer Communication Network
	2018	1 st	EE2101 Basic Electronics.

Honor courses

Branch	SoE	Sem	Course Code & Name
Electronic & Telecomm. Engg.	2020	5	ET2502: Industrial Automation and Robotics



❖ The changes in the Books suggested by the BoS as below

Branch	SoE	Sem	Course Code & Name
Information Tech.	2018		IT2413: PE-III– Network Security: Add Behrouz A. Forouzan Book Add Stinson book as Reference IT2422 – (PEIV) LAB: Neural Network and Fuzzy Logic:

❖ The changes in the laboratory Courses suggested by the BoS as below

Branch	SoE	Sem	Course Code & Name

❖ Following MOOC'S courses are suggest by BoS Mechanical for students from the session 202-21.

Branch	Course Name
Mechanical Engg.	Mathematical Modeling Of Manufacturing Processes
	Rapid Manufacturing
	Heat Exchangers: Fundamentals and Design Analysis
	Fundamentals of Surface Engineering: Work System Design
Electrical Engg.	Electrical Energy Generation System
	Illumination Engineering
	Renewable Energy Sources
Civil Engg.	CV2251 Concrete technology
	CV2355 Foundation Engineering
	CV1450 Watershed Management

The Academic Council approved changes in course contents and changes in the text/reference books, laboratory and MOOC'S Courses for the courses mentioned above. These changes will be incorporated with immediate effect.

Item 25.04 To discuss and finalize the changes, if any, in Academic Regulations

No changes in Academic Regulations

Item 25.05 To discuss and approve the report of Controller of Examinations for Odd Term 2020-21 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 and accepted



- Item 25.06 To discuss and approve the changes, if any, in Examination Manual.**
In view of unprecedented situation arisen because of CORONA PANDEMIC, UGC, Govt. of Maharashtra and RTMNU issued various guidelines and directions. On the basis of the same, some certain directions were issued by Principal YCCE for smooth conduct of examinations and were put up before the members of academic council. Academic Council discussed and approved the same.
These Principal Directions were added to Examination Manual as appendices.
- Item 25.07 To discuss and approve the report of Dean (Academic Matters) for Odd Term 2020-21.**
The report of the Dean (Academic Matters) was put before the members and discussed.
The Academic Council approved the report of the Dean (Academic Matters) for the Odd Term of 2020-21.
- Item 25.08 To discuss and approve the report of Research Centre Activities for Odd Term 2020-21.**
The report of the Research Centre Activities was put before the members. The report Research Centre Activities for Odd Term 2020-21 was approved by the Academic Council.
- Item 25.09 To discuss and approve the report of the Training and Placement Officer for Odd Term 2020-21.**
The report of the Training and Placement Office was put before the members. The report of Training and Placement Office for Odd Term 2020-21 was approved by the Academic Council
- Item 25.10 To discuss new UG/PG programme for A.Y. 2021-22 and certificate courses for the A.Y. 2020-21**
The issue of proposing new UG/PG programme was put before the academic council members and was discussed. The Academic Council was requested to authorize Chariman to decide on new UG/PG programme as per the AICTE guidelines issued from time to time.
The academic council unanimously authorized The Chairman, Academic Council to take appropriate decisions for inclusion of new UG/PG programmes for AY 2021-21 in view of dynamic AICTE Guidelines.



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The Academic Council approved Starting of following new Certificate courses

1.	Certificate course in Introduction to STADDPRO.
2.	Certificate course in Introduction to Total Station
3.	AVEVA Bocad Roof and Wall Basics
4.	Certificate course in IoT Programming
5.	Certificate course in Applications of AURDINO in Electrical Engineering
6.	Certificate course in Digital manufacturing and machine learning
7.	Certificate course in Pipe design and simulation
8.	Certificate course in Entrepreneurship development
9.	Certificate course in Applied Machine Learning
10.	Certificate course in Python Programming
11.	Certificate course in Design , Fabrication and Testing of Antenna and Design Issues in Modern Antenna of duration
12.	Certificate course in Image processing and Computer Vision
13.	Certificate course in Implementation of CMOS VLSI and DSD
14.	Certificate course in Advances in Embedded systems and IoT
15.	Certificate course in Applications of AIML & DS
16.	Certificate course in Cyber forensics
17.	Certificate course in Internet of Things
18.	Certificate course in Python Programming

The Academic Council approved Starting of following new Honor and Minor Programmes

HONOR COURSES PROPOSED FOR 2021-22

SN	DEPARTMENT	TITLE OF COURSE	CREDITS	DESCRIPTION	Remarks
1	Civil Engineering	B.E Hons in Remote Sensing & GIS	18	Department	
		B.E Hons in Construction Technology	18	Industry Associated	Ceinsys Ltd
		B.E Hons in Water and Wastewater Technology	18	NPTEL Based	
2	Mechanical Engineering	B.E. Hons in Advanced Dynamics	18	Department	
		B.E. Hons in Subtractive And Additive Manufacturing	19	Industry Associated	MTAB Engg. Pvt. Lt. Chennai, Altem Technologies Pvt. Ltd. Pune)
		B.E. Hons in Advanced Heat Transfer	18	NPTEL Based	
3	Electrical Engineering	B.E. Hons in Microgrid Technologies	18	Department	
		B.E. Hons in Renewable Energy System	18	Department	
		B.E. Hons in Embeded Systems	18	NPTEL Based	
4	Electronics Engineering	B.E. Hons in Wireless Communication	18	Department	
		B.E. Hons in VLSI Design	18	Industry Associated	Intel Bangalore
		B.E. Hons in Cryptography	18	NPTEL Based	
5	Electronics & telecommunicati on Engineering	B.E. Hons in Advanced Communication	18	Department	
		B.E. Hons in Automation and Computer Vision	18	Industry Associated	Fireblaze Technologies, Nagpur
		B.E. Hons in VLSI Design	18	NPTEL Based	



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6	COMPUTER TECHNOLOGY	B.E. Hons in Artificial Intelligence and Machine Learning		Department	
		B.E. Hons in Full Stack Web Development	18	Industry Associated	TCS, Infosys, Smarttalk
		B.E. Hons in Business and Statistical Data Analytics	18	NPTEL Based	
7	INFORMATION TECHNOLOGY	B.E. Hons in Data Sciences and Machine Learning	18	Department	
		B.E. Hons in Cyber Security	18	Industry Associated	CryptoForensic
		B.E. Hons in Soft Computing	18	NPTEL Based	

MINOR COURSES PROPOSED FOR 2021-22

SN	DEPARTMENT	TITLE OF COURSE	CREDITS	DESCRIPTION Department, Industry, NPTEL	Remarks
1	Civil Engineering	B.E Minors Introduction to Civil Engineering	18	Department	
2	Mechanical Engineering	B.E. Minors in Integrated Manufacturing And Machine Learning	18	Department	
3	Electrical Engineering	B.E. Minors in Electric Vehicles	18	Department	
4	Electronics Engineering	B.E. Minors in Electronics Engineering (IoT)	18	Department	
5	Electronics & telecom. Engineering	B.E. Minors in DSP and Embedded System	18	Department	
	Computer Technology	B.E. Minors in Computer Technology		Department	
6	Information Technology	B.E. Minor in Cloud Computing and Big Data Analytics	18	Department	
7	General Science, Humanities	B.E. Minors in Introduction to Corporate Management	18	Associated with other Institute	DMIMS Nagpur
		B.E. Minors in Introduction to Foreign Languages	18	Industry Associated	INNOVINC Nagpur

Item 25.11 To discuss RTMNU directions for admitting students for Ph.D. programs under autonomy, conducting PET examination and permitting the students to have B.E. degree with Minor/ Honors or Major/Honors.

The issue was discussed.

The Academic Council approved to conduct Ph.D. programs under autonomy, conducting PET examination and permitting the students to have B.E. degree with Minor/ Honors or Major/Honors as per following direction

1. Direction 6 of 2021 issued by the RTM Nagpur University
2. Norms for PET examination proposed by the Research Vertical
3. Direction 2 of 2021 issued by the RTM Nagpur University



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Item 25 15 Any other matter with the permission of the chair.

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

The meeting concluded with thanks to the Chair.

Date: 18th March, 2021

(Dr. A.V. Patil)
Dean (Academic Matters)



Minutes of 24th meeting of Academic Council held on 7th November, 2020

The 24th meeting of Academic Council was held on 7th November, 2020 at 11.00 am through video conferencing mode using google meet Online Platform. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	14	Dr. R.C. Dhamik, HoD, Information Technology
2	Dr. Rajesh Pande, Principal, Shri Ramdeobaba College of Engineering and Management, Nagpur	15	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics and Humanities
3	Prof. Dr. N.C. Sivaprakash I,I,Sc., Bangalore	16	Dr. J.R. Ghulghule, HoD Physics
4	Dr. Hemant Hajare, ITM College of Engineering, Nagpur	17	Dr. Mrs. P.U. Waghe, HoD, Chemistry
5	Mr. Sameer Bendre, Chief People Officer, Persistent System Ltd., Nagpur	18	Dr. P.K. Dakhole, Registrar, YCCE
6	Mr. Priyadarshan Kshirsagar, Senior General Manager, PLO PL, EVB Unit Tata Motors Ltd., Pune	19	Dr. Arvind Bhagatpatil, Dean (P & D)
7	Dr. N.G. Bawane, Principal, Jhulelal Institute of Technology, Nagpur	20	Prof. D.R. Raut, COE, YCCE,
8	Dr. V.G. Meshram HoD, Civil Engineering	21	Dr. A.M. Pande, Professor in Civil Engg, YCCE and Director (R&D)
9	Dr. S. S. Chaudhary, HoD, Mechanical Engineering	22	Dr. A.V. Patil, Professor, Civil Engineering, YCCE
10	Dr. Mrs. S. P. Adhau , HoD 's representative , Electrical Engineering	23	Dr. R.D. Thakare, Professor, Electrical Engineering, YCCE
11	Dr. P.T. Karule, HoD Electronics Engineering	24	Prof. Aniket P. Munshi, Electrical Engineering ,YCCE
12	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering	25	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary
13	Dr. Mrs. G.M. Dhopavkar, HoD Computer Technology		



Item 24.01: Welcome of New members

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

Item 24.02 To confirm the Minutes of 23rd Emerging Meeting of the Academic Council

The Academic Council unanimously approved the minutes of 23rd emergent meeting of Academic Council held on 3rd June, 2020.

Item 24.03 To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2014 and Autonomous 2018 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" and "Autonomous 2018" scheme as below :-

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

Branch	SoE	Sem	Course Code & Name
Mechanical Engg.	2018	3	ME-2201 Material Science & Metallurgy
Electrical Engg.	2014	8	EL1437: Electric Vehicles
	2018	6	EL2353: Power System Analysis
Electronic & Telecomm. Engg.	2018	3	ET 2254 : Analog communication
	2018	3	ET 2201: Electronic Devices and Circuits
Computer Tech.	2018	4	CT 2257: Database Management Systems
	2018	5	CT 2315: PE I: Advanced Web Technologies
	2018	3	CT 2204: Data Structure Data Structures
	2018	5	CT 2301: Computer Networks
	2014	7	CT1451: Artificial Intelligence
Information Tech.	2018	3	IT2207- Computer Architecture & Organization
	2018	5	IT2303- Software Engineering
	2018	5	IT2311- PE I: Web Programming
	2014	7	IT1422- Network Security

❖ **The changes in the Books suggested by the BoS as below**

Branch	SoE	Sem	Course Code & Name



❖ The changes in the laboratory Courses suggested by the BoS as below

Branch	SoE	Sem	Course Code & Name
Electronic & Telecomm. Engg.	2018	3	ET 2254 : Analog communication
	2018	3	ET 2201: Electronic Devices and Circuits

❖ Following MOOC'S courses are suggest by BoS Mechanical for students from the session 202-21.

Branch	CourseName
Mechanical Engg.	Mathematical Modeling Of Manufacturing Processes
	RapidManufacturing
	Heat Exchangers: Fundamentals and Design Analysis
	Fundamentals of Surface Engineering:
	Work System Design
Computer Tech.	Randomized Algorithms

The Academic Council approved changes in course contents and changes in the text/reference books, laboratory and MOOC'S Courses for the courses mentioned above. These changes will be incorporated with immediate effect.

Item 24.04 To discuss and finalize the changes, if any, in Academic Regulations
The academic council approved the modification in Academic Regulation in the clause of evaluation for continuous assessment to 60% and End Semester Examination to 40%. The relative weightage is 30% for TA (for Theory: 20 marks on lecture quizzes, 8 marks on assignments, 2 marks on class performance), 30% on mid semester examinations.

The Academic Council also approved that minimum 20% marks shall be obtained by the students in end semester examination as a requisite to pass in that course.

Item 24.05 To discuss and approve the report of Controller of Examinations for Even Term 2019-20 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 and accepted

The Academic Council accepted the report of Controller of Examinations for the Even Term of 2019-20 and suggested following correction.

- *8 semester results date mentioned 21-22 November,2020 instead of October. (correction made in COE report)*
- *Remove the coloum of PG closure course name. (Production and VISI)*



- **List of students in COE report point no.3 is eligible for degree after EVN-ESE-2019-20, suggested to insert additional column of number of students appearing for final year examination.**

Item 24.06 To discuss and approve the changes, if any, in Examination Manual.

In view of unprecedented situation arised because of CORONA PANDEMIC, UGC, Govt. of Maharashtra and RTMNU issued various guidelines and directions. On the basis of the same some certain directions were issued by Principal YCCE for smooth conduct of examinations. These are as below:-

- 1) Direction No 2 of 2019 for Guidelines for preparing result of ESE_Even 2019-20
In view of lockdown due to COVID-19 Pandemic, w.r.t. Government of Maharashtra and RTMNU directives:
The Direction is called as " Guidelines for calculating result of ESE_Even 2019-20 in view of COVID-19 Pandemic, w.r.t. Government of Maharashtra and. RTMNU Notification 2020/60 dated 15-05-2020:" and is being issued to facilitate result of 2nd,4th, and 6th Semester Regular students BE and M Tech 2nd Semester Regular students as a special case due to COVID-19 Pandemic Under guidelines published by UGC, Government of Maharashtra, RTM Nagpur University Nagpur.
- 2) Direction No. 3 of 2019 for Undergoing MCQ type- online End Semester Examination for EVEN Term Session 2019-20 (On Google Classroom-Meet Platform).
The Direction will be called as " MCQ type- online End Semester Examination for EVEN Term Session 2019-20 (On Google Classroom-Meet Platform)" and is being issued to facilitate 8th Semester Regular students and Ex-students of Semester 1 to Semester 8 BE and M Tech Semester 4 Regular students and Ex-students of 1 to 4th semester M Tech.
as a special case due to COVID-19 Pandemic Under guidelines published by UGC, Government of Maharashtra, RTM Nagpur University Nagpur.
- 3) Direction No. 1 of 2020 for Award of Grace Marks for passing an examination. The direction shall come into effect from ODD term 2020-21 examiantion.
- 4) Direction No. 2 of 2020 for Guidelines for conduct of ESE Odd 20-21 on-line in view of lockdown due to COVID-19 Pandemic, w.r.t. Government of Maharashtra and RTMNU directives:
The Direction will be called as "Guidelines for conduct of ESE Odd 20-21 on-line in view of lockdown due to COVID-19 Pandemic, w.r.t. Government of Maharashtra and. RTMNU Notification 2020/60 dated 15-05-2020:" and is being issued to facilitate 3rd, 5th, 7th Semester Regular students BE and Ex- students BE & M Tech as a special case due to COVID-19 Pandemic Under guidelines published by UGC, Government of Maharashtra, RTM Nagpur University Nagpur.

Item 24.07 To discuss and approve the report of Dean (Academic Matters) for Even Term 2019-20.

The report of the Dean (Academic Matters) was put before the members and discussed.
The Academic Council approved the report of the Dean (Academic Matters) for the Even Term of 2019-20.



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

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

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-
- Item 24.08** To discuss and approve the report of Research Centre Activities for Even Term 2019-20.
The report of the Research Centre Activities was put before the members and discussed. It was suggested to increase number of faculty for registration in Ph.D. programmes
The report Research Centre Activities for Odd Term 2019-20 was approved by the Academic Council.
- Item 24.09** To discuss and approve the report of the Training and Placement Officer for Even Term 2019-20.
The report of the Training and Placement Office was put before the members and discussed. Academic Council suggested to higher packages
It was suggested to change the nomenclature of Training and Placement and should be called as a Career Guidance Cell (CGC).
The report of Training and Placement Office for Even Term 2019-20 was approved by the Academic Council
- Item 24.10** To discuss and approve the Annual report of IQAC (Internal Quality Assurance Cell) for session 2019-20
The report of the IQAC (Internal Quality Assurance Cell) for session 2019-20 was put before the members and discussed.
It was suggested to improve in Research, Innovation, Startup and Entrepreneurship (YCCE-RISE)
The report of IQAC (Internal Quality Assurance Cell) for session 2019-20 was approved by the Academic Council
- Item 24.11** To discuss and approve -- Reduction in Intake of UG Programmes
The issue was discussed.
The Academic Council approved reduction in intake of UG Programme in BE Mechanical Engg. And—BE in Electronics and Telecommunication Engg. from Academic year 2021-22



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Item 24.12 To discuss and approve – Starting of new UG &PG Programmes

The issue was discussed.

The Academic Council approved Starting of new UG Programmes 1) Computer Science and Engineering (Artificial Intelligence and Machine Learning), 2) Computer Science and Engineering (Data Science) & PG Programme 1) Power System and Renewable Energy, 2) Computer Vision and Image Processing and 3) Automation and Robotics from Academic year 2021-22. Mr. Samir Bendre suggested to start Solar Energy related courses

Item 24.13 To discuss and approve – Closure of PG Programme

The issue was discussed.

The Academic Council approved Closure of PG Programme: M.Tech. in CAD/CAM, M. Tech. in Integrated Power System (IPS), M. Tech. in Communication Engineering and M. Tech. in Environmental Engineering from Academic year 2021-22

Item 24.14 To discuss and approve formation of Board of Studies in Computer Science and Engineering

The issue was discussed.

The Academic Council approved formation of Board of Studies in Computer Science and Engineering.

Item 24.15 Any other matter with the permission of the chair.

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

The meeting concluded with thanks to the Chair.

Date: 9th November, 2020

(Dr. A.V. Bapat)
Member Secretary



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Minutes of 23rd Emergent meeting of Academic Council held on 03rd June 2020

The 23rd emergent meeting of Academic Council was held on 03rd June 2020 at 03.00 pm through video conferencing mode using Zoom Online Platform. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	14	Dr. R.C. Dharmik, HoD, Information Technology
2	Dr. Rajesh Pande, Principal, Shri Ramdeobaba College of Engineering and Management, Nagpur	15	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics and Humanities
3	Prof. Dr. N.C. Sivaprakash I,I,Sc., Bangalore	16	Dr. J.R. Ghulghule, HoD Physics
4	Dr. Hemant Hajare, ITM College of Engineering, Nagpur	17	Dr. Mrs. P.U. Waghe, HoD, Chemistry
5	Mr. Sameer Bendre, Chief People Officer, Persistent System Ltd., Nagpur	18	Dr. P.K. Dakhole, Registrar, YCCE
6	Mr. Priyadarshan Kshirsagar, Senior General Manager, PLO PL, EVB Unit Tata Motors Ltd., Pune	19	Dr. Arvind Bhagatpatil, Dean (P & D)
7	Dr. N.G. Bawane, Principal, Jhulelal Institute of Technology, Nagpur	20	Prof. D.R. Raut, COE, YCCE,
8	Dr. S. R. Khandeshwar, HoD, Civil Engineering	21	Dr. A.M. Pande, Professor in Civil Engg, YCCE and Director (R&D)
9	Dr. S. S. Chaudhary, HoD, Mechanical Engineering	22	Dr. A.V. Patil, Professor, Civil Engineering, YCCE
10	Dr. Mrs. S. P. Adhau , HoD 's representative , Electrical Engineering	23	Dr. R.D. Thakare, Professor, Electrical Engineering, YCCE
11	Dr. P.T. Karule, HoD Electronics Engineering	24	Prof. Aniket P. Munshi, Electrical Engineering ,YCCE
12	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering	25	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary
13	Dr. Mrs. G.M. Dhopavkar, HoD Computer Technology		



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Item 23.01: Welcome of New members

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

Item 23.02 To confirm the Minutes of 22nd Meeting of the Academic Council

The Academic Council unanimously approved the minutes of 22nd meeting of Academic Council held on 14th March 2020.

Item 23.03 To discuss and approve the minutes of Examination committee regarding conduct of Examinations in view of COVID19 Pandemic

The minutes of the 10th Examination committee was presented before Academic council

The Academic Council discussed the issue related to COVID 19 and its impact on conduct of Examination in general and End Semester Examinations in particular.

The academic council accepted the minutes of Examination committee

In view of possible directions/guidelines that are likely to be issued in future by Govt. of Maharashtra and RTM NU, Nagpur, Academic council authorized Chairman academic council to take appropriate decision in this regard.

Item 23.04 To discuss and approve change in weightage of Continuous Assessment and End semester examination from 40:60 to 60:40 and allot 20% weightage for class/lecture Quizzes

The Academic Council discussed the issue and was unanimous on increasing weightage on continuous assessment.

The academic council approved the weightage of continuous assessment to 60% and End Semester Examination to 40%.

The new weightage will be

MSEs 30% Teacher assessment 10% class/ lecture quizzes 20% and ESE 40%.

The academic council also approved that minimum 20% marks shall be obtained by the students in End Sem examination as a requisite to Pass in that course.



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- Item 23.05** Discuss and approve revision in Titles of Honors and Minor courses
The Academic Council approved the revision of titles of Honors and Minor courses. Academic council directed to ratify the same from respective BoS.
- Item 23.06** Discuss and approve use of minimum 20% NPTEL courses having good mapping with existing courses, as per directives from AICTE/Govt of Maharashtra
The Academic Council discussed the issue, It has approved to implement the directives issued by AICTE/Govt. of Maharashtra. It has directed to ensure that the Video lectures of the NPTEL courses that are offered are available.
- Item 23.07** Any other matter with the permission of the Chair
Dr. Rajesh Pande suggested that in case online examination is to be conducted then it should be AI proctored examination.
Mr. Sameer Bendre suggested that conducting online examination should be last priority as conducting ESE using pen and paper method is better way.
Dr. N. G. Bawane suggested that the college should inform to RTM NU regarding actual conduct of examination from time to time.
Dr. N C Shivaprakash, who actively participates in the meeting, suggested to check guidelines of BATU. It was suggested that college should be prepared for conduct of both types of examination online and pen and paper method using all norms required for COVID19 including social distancing.

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

The meeting concluded with thanks to the Chair.

Date: 04th June 2020


(Dr. A.V. Bapat)
Member Secretary



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Minutes of 22nd meeting of Academic Council held on 14th March 2020

The 22nd meeting of Academic Council was held on 14th March 2020 at 11.00 am in the Board Room of YCCE, Nagpur. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	12	Dr. Mrs. G.M. Dhopavkar, HoD Computer Technology
2	Dr. Rajesh Pande, Principal, Shri Ramdeobaba College of Engineering and Management, Nagpur	13	Dr. R.C. Dharmik, HoD, Information Technology
3	Dr. N.C. Shivprakash, I,I,Sc., Bangalore	14	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics and Humanities
4	Dr. Hemant Hajare, ITM College of Engineering, Nagpur	15	Dr. J.R. Ghulghule, HoD Physics
5	Mr. Sameer Bendre, Chief People Officer, Persistent System Ltd., Nagpur	16	Dr. Mrs. P.U. Waghe, HoD, Chemistry
6	Mr. Priyadarshan Kshirsagar, Senior General Manager, PLO PL, EVB Unit Tata Motors Ltd., Pune	17	Dr. Arvind Bhagatpatil, Dean (P & D)
7	Dr. Shantanu R. Khandeshwar, HoD, Civil Engineering	18	Prof. D.R. Raut, COE, YCCE,
8	Dr. Sharad S. Chaudhary, HoD, Mechanical Engineering	19	Dr. A.M. Pande, Professor in Civil Engg, YCCE and Director (R&D)
9	Dr. Mrs. S. P. Adhau, HoD's representative, Electrical Engineering	20	Dr. A.V. Patil, Professor, Civil Engineering, YCCE
10	Dr. P.T. Karule, HoD Electronics Engineering	21	Prof. Aniket P. Munshi, Electrical Engineering, YCCE
11	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering	22	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary

Leave of Absence granted to			
1	Dr. N.G. Bawane, Principal, Jhulelal Institute of Technology, Nagpur	3	Dr. P.K. Dakhole, Registrar, YCCE
2	Mr. Milind Kank, Managing Director, Yeshshree Industries Ltd., Aurangabad		

**Item 22.01: 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 22.02 To confirm the Minutes of 21st Meeting of the Academic Council and consider the action taken report.

The Academic Council unanimously approved the minutes of 21st meeting of Academic Council held on 24 August 2019 and Action Taken Report thereof.

Item 22.03 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" and "Autonomous 2018" scheme as below :-

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

Branch	SoE	Sem	Course Code & Name
Mechanical Engg.	2018	4	ME2256: Mechanical Measurement and Metrology
	2018	4	ME2252: Engineering Thermodynamics
	2014	7	ME1410: - Renewable Energy Systems
	2014	7	ME1469: Refrigeration & Cryogenics
Electrical Engg.	2014	7	EL1427: PE II: Artificial Intelligence based Systems
Electronic & Telecomm. Engg.	2018	4	ET2205 : Electronic Measurement and Instrumentation
	2018	4	ET2351: Digital signal Processing
Computer Tech.	2014	7	CT1451: Artificial Intelligence
Information Tech.	2018	4	IT2201: Digital Circuits and Microprocessors
	2018	4	IT2207: Computer Architecture and Microprocessors

PG

Branch	SoE	Sem	Course Code & Name
CAD/CAM	2019	1	ME3911: Product Design and Development

**❖ The changes in the Books suggested by the BoS as below**

Branch	SoE	Sem	Course Code & Name
Electrical Engg.	2014	7	EL1427 - PE II: Artificial Intelligence based Systems - Deep Learning using Python Dr. S.Lovelyn Rose Dr. L.Ashok Kumar, Dr. D Karthika Renuka Wiley
Electronics Engg.	2014	7	Design of Analog CMOS Integrated Circuits 1st Edition by Behzad Razavi Publisher: McGraw-Hill Education; 1 edition
Electronic & elecomm. Engg.	2018	5	ET 2303: Fields and Radiating systems - "Antennas" by John D.Krauss publisher McGraw - Hill International edition
	2018	3	ET 2201: Electronics Devices and Circuits - "OP-AMPS and Linear Integrated Circuits" by Ramakant Gayakwad
Computer Tech.	2014	7	CT1451: Artificial Intelligence - A Modern Approach" by Russell, Stuart J.; Norvig, Peter as a text book for course CT 1451 Artificial Intelligence
Information Tech.	2014	5	IT1318: Design & Analysis of Algorithms - Algorithm Design by Jon Kleinberg & Eva Tardos (Pearson)

❖ The changes in the laboratory Courses suggested by the BoS as below

Branch	SoE	Sem	Course Code & Name
Electrical Engg.	2014	7	EL1417 Lab.: Switchgear and Protection
Electronics Engg.	2014	8	EE1420 Lab: Analog VLSI Design

Academic Council suggested to review of taking MSE-I, II and III after assessing the effect of present system.

Mr. Priyadarshan Kshirsagar Member of Academic Council suggested that he can help in framing curriculum for course battery management system as elective. This course is very important in view of electric vehicle.

It was suggested to incorporate course based on cloud computing as professional elective for Electronics Engineering and Electronics Telecommunication Engineering, also a course on Data Science and course on safety can be offered as open elective.

The Academic Council 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.

Item 22.04 To discuss and finalize the changes, if any, in Academic Regulations.

No changes in Academic Regulations.



- Item 22.05** To discuss and approve the report of Controller of Examinations for Odd Term 2019-20 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 and accepted

The Academic Council accepted the report of Controller of Examinations for the Odd Term of 2019-20.

- Item 22.06** To discuss and approve the changes, if any, in Examination Manual.

No changes in Examination Manual

- Item 22.07** To discuss and approve the report of Dean (Academic Matters) for Odd Term 2019-20.

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

The Academic Council approved the report of the Dean (Academic Matters) for the Odd Term of 2019-20.

- Item 22.08** To discuss and approve the report of Research Centre Activities for Odd Term 2019-20.

The report of the Research Centre Activities was put before the members and discussed. It was suggested to present details of publication of faculty members in report.

The report Research Centre Activities for Odd Term 2019-20 was approved by the Academic Council.

A policy document 2019-20, No NYSS/CEO/2019-20/ dated 10.09.2018 which is revised policy document 2018, No NYSS/CEO/2018-19/ dated 15.09.2018 "Promotion of code of ethics, Academic Integrity and prevention of plagiarism in the institution" which aims at assessment of academic and research work by the faculty and students of the institution, was discussed with reference to the revision in the academic council and the same was unanimously approved.

- Item 22.9** To discuss and approve the report of the Training and Placement Office for Odd Term 2019-20

The report of the Training and Placement Office was put before the members and discussed. Academic Council suggested to improve quality of placement and increase number of paid internships.



The report of Training and Placement Office for Odd Term 2019-20 was approved by the Academic Council

Item 22.10 To discuss and approve the Annual report of IQAC (Internal Quality Assurance Cell) for session 2018-19

The report of the IQAC (Internal Quality Assurance Cell) for session 2018-19 was put before the members and discussed.

The report of IQAC (Internal Quality Assurance Cell) for session 2018-19 was approved by the Academic Council

Item 22.11 To discuss and approve -modification in SoE 2018 of 7th and 8th Sem to group A & B

The issue was discussed.

The Academic Council approved modification in SoE 2018 of 7th and 8th Semester to group A & B.

Item 22.12 To discuss and approve --Closure of PG Programme MTech (Electronics Engg)

The issue was discussed.

The Academic Council approved Closure of PG Programme M.Tech. in Electronics Engineering

Item 22.13 To discuss and approve --Increase in Intake in BE Information Technology from 60 to 120.

The issue was discussed.

The Academic Council approved Increase in Intake in BE Information Technology from 60 to 120

Item 22.14 To discuss and approve --merger of Rajiv Gandhi College of Engineering and Research with YCCE.

The issue was discussed.

The Academic council recommends the merger of the of Rajiv Gandhi College of Engineering and Research with YCCE to BOM to take a decision



Item 22.15 In view of merger preparation of SoE RTMNU and its absorption

The issue was discussed.

The Academic Council authorized Chairman, Academic Council to take appropriate decision in this regard.

Item 22.16 To discuss and approve – Transfer of credits for NPTEL course (12 weeks) completed successfully before equivalent open/professional electives are offered to regular students.

Issue was discussed whether college should also evaluate the student for credit transfer.

The Academic Council authorized Chairman, Academic Council to take appropriate decision in this regard.

Item 22.17 Any other matter with the permission of the Chair

- Dr. R. D. Thakare as member of Academic Council in place of Dr. M. M. Raghuwanshi

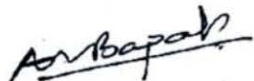
The Academic Council recommended appointment of Dr. R.D. Thakare as Member of Academic Council in place of Dr. M.M. Raghuwanshi in category of 4 teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the college.

- Mr. Milind Kank, Member of Academic Council replacement.

Mr. Milind Kank, Member of Academic Council has expressed his inability to continue as member of Academic Council. Academic Council accepted his request and authorized Chairman Academic Council to appoint new member in his place.

As there was no other point for the discussion, the meeting was adjourned.
The meeting concluded with thanks to the Chair.

Date: 17.03.2020


(Dr. A.V. Bapat)
Member Secretary



Nagar Yuwak Shikshan Sanstha's
YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

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Hingna Road, Wanadongri, Nagpur-411 110.

Academic Council 2018-21

22nd Meeting 14th March 2020

SN	MEMBERS	Affiliation	Signature
1	Dr. U.P. Waghe, Chairman	Professor in Civil Engg, YCCE, Nagpur; and Principal	
2	Dr. Rajesh Pande	Principal, Shri Ramdeo Baba College of Engineering and Management, Ramdeo Tekdi, Gittikhadan, Katol Road, Nagpur	
3	Dr. Hemant Hajare	ITM College of Engineering, Behind Madhi Mandir, Ghorpad Road, Tah. Kamptee, Dist. Nagpur	
4	Dr. N.G. Bawane	Principal, Jhulelal Institute of Technology, Nagpur.	
5	Prof. Dr. N.C. Siva Prakash	Professor, Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012	
6	Mr. Sameer Bendre	Chief People Officer, Persistent System Ltd., Nagpur	
7	Mr. Milind Kank	Managing Director, Yeshshree Industries Ltd., Aurangabad	
8	Mr. Priyadarshan Kshirsagar	Head Business (IT), Tata Motors Ltd., Pune	
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. Mrs. S. P. Adhau	Head, Dept of Electrical Engg, YCCE, Nagpur	
12	Dr. P.T. Karule	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. M.S. Narlawar	Head, Dept of Eletronics and Telcomm, YCCE, Nagpur	
14	Dr. Mrs. G.M. Dhopavkar	Head, Dept of Computer Tech, YCCE, Nagpur	
15	Dr. R.C. Dharmik	Head, Dept of Information Tech, YCCE, Nagpur	
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	
17	Dr. J.R. Ghulghule	Head, Physics, YCCE, Nagpur	
18	Dr Mrs. P. U. Waghe	Head, Dept of Chemistry, YCCE, Nagpur	
19	Dr. P.K. Dakhole	Registrar, YCCE, Nagpur	
20	Dr. A.R. Bhagat Patil	Asso. Professor in Computer Technology, YCCE, Nagpur and Dean (P&D)	
21	Prof. D.R. Raut	Associate Professor in Civil Engg, YCCE, Nagpur; and Controller of Examinations	
22	Dr. R.D. Thakare (Invitee)	Professor in Electrical Engg, YCCE, Nagpur	
23	Dr. A.M. Pande (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Director (R&D)	
24	Dr. A.V. Patil (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Chairman of Self Assessment of Autonomy	
25	Prof. Aniket P. Munshi (Invitee)	A.P. in Electrical Engg, YCCE, Nagpur	
26	Dr. A.V. Bapat, Member Secretary	Professor in Electronics Engineering, YCCE, Nagpur; and Dean Academic Matters	



Nagar Yuwak Shikshan Sanstha's

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Minutes of 21st meeting of Academic Council held on 24th August 2019

The 21st meeting of Academic Council was held on 24th August 2019 at 11.00 am in the Board Room of YCCE, Nagpur. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	13	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics and Humanities
2	Dr. Rajesh Pande, Principal, Shri Ramdeobaba College of Engineering and Management, Nagpur	14	Dr. J.R. Ghulghule, HoD Physics
3	Dr. N.C. Shivprakash, I,I,Sc., Bangalore	15	Dr. Mrs. Jyoti V. Miskin, HoD, Chemistry
4	Dr. Hemant Hajare, ITM College of Engineering, Nagpur	16	Prof. Arvind Bhagatpatil, Dean (P & D)
5	Mr. Sameer Bendre, Chief People Officer, Persistant System Ltd., Nagpur	17	Prof. D.R. Raut, COE
6	Dr. Shantanu R. Khandeshwar, HoD, Civil Engineering	18	Dr. M.M. Raghuvanshi, Professor in Information Technology, YCCE
7	Dr. Sharad S. Chaudhary, HoD, Mechanical Engineering	19	Dr. A.M. Pande, Professor in Civil Engg, YCCE and Director (R&D)
8	Dr. R.M. Moharil, HoD 's representative , Electrical Engineering	20	Dr. A.V. Patil, Professor, Civil Engineering, YCCE
9	Dr. P.T. Karule, HoD Electronics Engineering	21	Prof. Aniket P. Munshi, Electrical Engineering ,YCCE
10	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering	22	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary
11	Prof. Mrs. G.M. Dhopavkar, HoD Computer Technology		
12	Prof. R.C. Dharmik, HoD, Information Technology		

Leave of Absence granted to

1	Dr. N.G. Bawane, Principal, Jhulelal Institute of Technology, Nagpur	3	Mr. Milind Kank, Managing Director, Yeshshree Industries Ltd., Aurangabad
2	Mr. Priyadarshan Kshirsagar, Head Business (IT), Tata Motors Ltd., Pune	4	Dr. P.K. Dakhole, Registrar, YCCE



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Item 21.01: 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 21.02 To confirm the Minutes of 20th Meeting of the Academic Council and consider the action taken report.

The Academic Council unanimously approved the minutes of Twentieth meeting of Academic Council held on 02nd March 2019 and Action Taken Report thereof.

Item 21.03 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 as below

❖ Proposed New Professional Elective Courses

The BoS in has proposed the following new courses.

Electrical Engineering

1. Professional Elective-I(Sixth Sem BE)

Illumination Engineering

2. Professional Elective-IV(Eight Sem BE)

Electric Vehicles

Electronics Engineering

3. Professional Electives-II (Eight Sem BE)

Programming, Data structure and Algorithms using Python

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

Branch	Sem	Course Code & Name
Civil Engg.	6	CV 1341 OE-II Elements of Earthquake Engineering
		CV1342 OE II: Air Pollution and Solid Waste Management.



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❖ **The changes in the Books suggested by the BoS as below**

Civil Engg.	5 & 7	CV1315 : Dr.A.G.Bhole, Design of Water Treatment Plant , IWWA Publication CV1441 : S.K. Garg, Environmental Engineering – Vol – II, Sewage Disposal and Air Pollution Engineering Standard Publication Metcalf & Eddy, Wastewater Engineering-Treatment and Reuse, McGraw Hill Education; 4 edition (1 July 2017)
Electronics Engg.	8	Text Books on Python are added. 1. TEXT BOOK 1. Gowrishankar S, Veena A, "Introduction to Python Programming", 1st Edition, CRC Press/Taylor & Francis, 2018. ISBN-13: 978-0815394372 REFERENCE BOOKS / WEBLINKS: 1. NPTEL lecture series on Programming, Data Structures and Algorithms using Python 2. Jake VanderPlas, "Python Data Science Handbook: Essential Tools for Working with Data", 1st Edition, O'Reilly Media, 2016. ISBN-13: 978-1491912058 3. Aurelien Geron, Hands-On Machine Learning with Scikit-Learn and TensorFlow: Concepts, Tools, and Techniques to Build Intelligent Systems", 1st Edition, O'Reilly Media, 2017. ISBN – 13: 978-1491962299. 4. Wesley J Chun, "Core Python Applications Programming", 3rd Edition, Pearson Education India, 2015. ISBN-13: 978-9332555365 5. Miguel Grinberg, "Flask Web Development: Developing Web Applications with Python", 2nd Edition, O'Reilly Media, 2018. ISBN-13: 978-1491991732

❖ **The BoS has proposed the following MOOCS based course to be offered as**

Branch	Sem	Course Code & Name
Electrical Engg	6	PE-I: Illumination Engineering
Electronics Engg	8	Programming, Data structure and Algorithms using Python
Electronics & Tele. Comm. Engg	8	Joy of Computing –Python
Information Tech.	8	Data Base Management System
		Software Engineering

The Academic Council 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 21.04 To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2018 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 2018" scheme as below

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

Branch	Sem	Course Code & Name
Mechanical Engg.	3	ME1201 Material Science and Metallurgy
Computer Tech.	4	CT2257: Database Management Systems: Unit I to III based on basics of DBMS and unit IV to VI based on SQL.
	5/6	CT 2323/2373: OE I / III: Digital Image Processing- Suggested to remove contents such as Fourier Transform, DFT, IDFT, and some topics from image representation and compression.
		CT2321/2371: OE I / III: Introduction to DBMS – Suggested to add Date, string, arithmetic function of SQL instead of XML in Unit-VI.
		CT2333/2383: OE II/IV: Internet Technology- Suggested to remove contents such as Flow Control, Error Control, Congestion control, CGI Script, java Applet
		CT 2315: PE-I: Rough outline of the course Advanced Web Technologies

❖ The changes in the Books suggested by the BoS as below

Civil Engg.	3	CV2207 ; Water Supply Engineering 1. E.W.Steel,T.J.McGhee, Water supply and Sewerage, McGraw-Hill Education; 6 edition (31 January 1991). 2. Fair,Geyer and Okun, Water and wastewater Engineering, John Wiley & Sons Ltd.
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❖ The BoS has proposed the following MOOCS based course to be offered as

Branch	Sem	Course Code & Name
Civil Engg	4	Concrete Technology
Computer Tech.	6	MOOC course based on availability of Swayam 2020 course list

❖ The minor changes in the PG (M.Tech) course contents suggested by the BoS as below

Computer Tech.	2	CSE3915: Software Lab 1
		CSE3931: Software Lab 2



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The Academic Council 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.

Industrial Mathematics:

The Academic Council advised Chairman, BOS, General Engineering to redraft the course after consulting with HoDs of Engineering Department and industry experts.

Item 21.05 To discuss and finalize the changes, if any, in Academic Regulations.

No changes in Academic Regulations.

Item 21.06 To discuss and approve the report of Controller of Examinations for Odd Term 2018-19 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 suggested to, combine Summer Special Term result with VIII Semester results.

The Academic Council accepted the report of Controller of Examinations for the Even Term of 2018-19.

Item 21.07 To discuss and approve the changes, if any, in Examination Manual.

No changes in Examination Manual

Item 21.08 To discuss and approve the report of Dean (Academic Matters) for Even Term 2018-19.

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

The Academic Council approved the report of the Dean (Academic Matters) for the Even Term of 2018-19.

Item 21.09 To discuss and approve the report of Research Centre Activities for Odd Term 2018-19.

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

The report Research Centre Activities for Even Term 2018-19 was approved by the Academic Council.



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A policy document 2019-20, No NYSS/CEO/2019-20/ dated 09.08.2019, a revision to policy document 2018 No NYSS/CEO/2017-18/ dated 15.09.2018, titled as, "Providing structure, system, guidance and financial assistance for promotion of research among faculty and students" which aims at promoting R&D culture amongst faculty and students of the institution, was also discussed with reference to revisions in the academic council and the same was unanimously approved.

Item 21.10 To discuss the approve the report of the Training and Placement Office for Odd Term 2018-19

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

It was suggested to change the nomenclature of Training and Placement and should be called as a Carrier Guidance Cell (CGC).

The report of Training and Placement Office for Even Term 2018-19 was approved by the Academic Council.

Item 21.11 To discuss and approve to offer for foreign language course as open electives.

The Academic Council approved to offer for foreign language course as open electives in German, French and Chinese etc.

Item 21.12 To discuss and approve to offer NPTEL/SWAYAM based twelve weeks course and transfer the credit /grade earned as open elective.

The Academic Council authorized Chairman, Academic Council to decide evaluation method for course offered by NPTEL.

The Academic Council approved to offer NPTEL/SWAYAM based twelve weeks course and transfer the credit /grade earned as open elective.



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Item 21.13 To discuss and approve to appointment of external for practical examination to be done in alternate semester excluding project/ seminar

The Academic Council approved to appointment of external for practical examination to be done in alternate semester excluding project/ seminar.


Item 21.14 Any other matter with the permission of the Chair

- **Examination Manual 2019-20**
The Controller of Examinations informed Academic Council that Examination Manual 2019-20 is published.
- **Industry Conclave**
The Academic Council suggested to conduct open house / industry conclave activities to increase of industry interaction .
- **Change in Nomenclature**
The Academic Council suggested to send request letter regarding change in nomenclature to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for following programmes
 1. Computer Technology to Computer Science and Engineering.
 2. Electronics Engineering to Electronics and Communication Engineering.
- **Classroom teaching**
The Academic Council suggested to give more focus on classroom teaching.
- **5 year Plan**
The Academic Council congratulated YCCE team for preparing detailed 5 year plan.

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

The meeting concluded with thanks to the Chair.

Date: 28.08.2019


(Dr. A.V. Bapat)
Member Secretary



Nagar Yuwak Shikshan Sanstha's
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Hingna Road, Wanadongri, Nagpur-411 110.
Academic Council 2018-21

21st Meeting 24th August 2019

SN	MEMBERS	Affiliation	Signature
1	Dr. U.P. Waghe, Chairman	Professor in Civil Engg, YCCE, Nagpur; and Principal	
2	Dr. Rajesh Pande	Principal, Shri Ramdeobaba College of Engineering and Management, Ramdeo Tekdi, Gittikhadan, Katol Road, Nagpur	
3	Dr. Hemant Hajare	ITM College of Engineering, Behind Madhi Mandir, Ghorpad Road, Tah. Kamptee, Dist. Nagpur	
4	Dr. N.G. Bawane	Principal, Jhulelal Institute of Technology, Nagpur.	Leave of Ab.
5	Prof. Dr. N.C. Siva Prakash	Professor, Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012	
6	Mr. Sameer Bendre	Chief People Officer, Persistant System Ltd., Nagpur	
	Mr. Milind Kank	Managing Director, Yeshshree Industries Ltd., Aurangabad	Leave of Ab.
8	Mr. Priyadarshan Kshirsagar	Head Business (IT), Tata Motors Ltd., Pune	Leave of Ab.
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. B.Y. Bagde (R. M. Mohan)	Head, Dept of Electrical Engg, YCCE, Nagpur	
12	Dr. P.T. Karule	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. M.S. Narlawar	Head, Dept of Eletronics and Telcomm, YCCE, Nagpur	
14	Dr. Mrs. G.M. Dhopavkar	Head, Dept of Computer tech, YCCE, Nagpur	
15	Dr. R.C. Dharmik	Head, Dept of Information Tech, YCCE, Nagpur	
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	
17	Dr. J.R. Ghulghule	Head, Physics, YCCE, Nagpur	
18	Dr. Mrs. Jyoti V. Miskin	Head, Dept of Chemistry, YCCE, Nagpur	
19	Dr. P.K. Dakhole	Registrar, YCCE	Leave of Ab.
20	Dr. A.R. Bhagat Patil	Asso. Professor in Computer Technology, YCCE, Nagpur; and Dean (P&D)	
21	Prof. D.R. Raut	Associate Professor in Civil Engg, YCCE, Nagpur; and Controller of Examinations	
22	Dr. M.M. Raghuwanshi	Professor in Information Technology, YCCE, Nagpur; and Chairman of Result Review & Moderation Committee	
23	Dr. A.M. Pande (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Director (R&D)	
24	Dr. A.V. Patil (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Chairman of Self Assessment of Autonomy	
25	Prof. Aniket P. Munshi (Invitee)	A.P. in Electrical Engg, YCCE, Nagpur	
26	Dr. A.V. Bapat, Member Secretary	Professor in Electronics Engineering, YCCE, Nagpur; and Dean Academic Matters	



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Minutes of 20th meeting of Academic Council held on 02nd March 2019

The Twentieth meeting of Academic Council was held on 02nd March 2019 at 11.00 am in the Board Room of YCCE, Nagpur. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	12	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics and Humanities
2	Dr. Hemant Hajare, ITM College of Engineering, Nagpur	13	Dr. J.R. Ghulghule, HoD Physics
3	Dr. N.G. Bawane, Principal, Jhulelal Institute of Technology, Nagpur	14	Dr. Mrs. Jyoti V. Miskin, HoD, Chemistry
4	Mr. Priyadarshan Kshirsagar, Head Business (IT), Tata Motors Ltd., Pune	15	Dr. P.K. Dakhole, Registrar, YCCE
5	Dr. Shantanu R. Khandeshwar, HoD, Civil Engineering	16	Prof. Arvind Bhagatpatil, Dean (P & D)
6	Dr. Sharad S. Chaudhary, HoD, Mechanical Engineering	17	Prof. D.R. Raut, COE
7	Dr. B.Y. Bagde, HoD, Electrical Engineering	18	Dr. M.M. Raghuvanshi, Professor in Information Technology, YCCE
8	Dr. P.T. Karule, HoD Electronics Engineering	19	Dr. A.M. Pande, Professor in Civil Engg, YCCE and Director (R&D)
9	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering	20	Dr. A.V. Patil, Professor, Civil Engineering, YCCE
10	Prof. Mrs. G.M. Dhopavkar, HoD Computer Technology	21	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary
11	Prof. R.C. Dharmik, HoD, Information Technology		

Leave of Absence granted to			
1	Dr. Rajesh Pande, Principal, Shri Ramdeobaba College of Engineering and Management, Nagpur	3	Mr. Milind Kank, Managing Director, Yeshshree Industries Ltd., Aurangabad
2	Dr. N.C. Shivprakash, I,I,Sc., Bangalore	4	Prof. Aniket P. Munshi, Electrical Engineering, YCCE
3	Mr. Sameer Bendre, Chief People Officer, Persistant System Ltd., Nagpur		



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Item 20.01: 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 20.02 To confirm the Minutes of 19th Meeting of the Academic Council and consider the action taken report.

The Academic Council unanimously approved the minutes of Ninetieth meeting of Academic Council held on 25th August 2018 and Action Taken Report thereof.

Item 20.03 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 changes proposed by various boards regarding the syllabi of the courses of "Autonomous 2014" scheme as below

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

Branch	Sem	Course Code & Name
Civil Engg.	8	CV1428 - PE IV: Earthquake Engineering
Computer Tech	6	CT1345 : Software Engineering
	6	CT1353 PE I: Introduction to Geographical Information System
	8	CT1418 - PE IV: Digital Image Processing

❖ The changes in the reference books suggested by the BoS as below

Computer Tech	6	Software Engineering, 9th Edition, Ian Sommerville, University of St Andrews, Scotland, ©2011, Pearson.
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The Academic Council approved changes in course contents and changes in the /reference books for the courses mentioned above. These changes will be incorporated with immediate effect.



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Item 20.04 To discuss and approve the suggestions of Board of Studies for changes in Schemes of Examination and course contents of Autonomous 2018 scheme for UG and PG Programs

The changes proposed by various boards regarding the syllabi of the courses of "Autonomous 2018" scheme as below

❖ The changes in name of suggested by the BoS as below

Branch	Sem	Existing Course Name	Proposed Course Name
Electronics & Telecomm. Engg	3	ET2203 Digital Circuit	ET2203 Digital Circuit and Fundamentals of Microprocessor
	4	ET2252 ; Microcontroller and application	ET2252 ; Microcontroller and Interfacing
	4	ET2256 Signals & Systems	ET2256 Control Systems
Information Tech.	4	IT2255: Operating Systems	IT2255: Data Base Management System

❖ The new subject added in the SoE 2018 (M. Tech Environment Engineering)suggested by the BoS as below

Branch	Sem	Course Code & Name
Civil Engineering	3	CV2989 ; Applied Structures

The Academic Council approved changes in course name, add course for the courses mentioned above. These changes will be incorporated with immediate effect.

Item 20.05 To discuss and approve the Autonomous 2019 scheme for PG Programs

Proposed Autonomous 2019 scheme for PG Programs were presented before Academic Council for discussion and approved

Department	Programmes
Civil Engineering	Structural Engineering
	Environmental Engineering
Mechanical Engineering	CAD-CAM
Electrical Engineering	Integrated Power Systems
Electronics Engineering	Electronics Engineering
Electronics & Telecomm. Engineering	Communication Engineering
Computer Technology	Computer Science and Engineering

The Academic Council approved to Autonomous 2019 scheme for PG Programs from session 2019-20 onwards.



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Item 20.06 To discuss and finalize the changes, if any, in Academic Regulations.

Changes proposed in Academic Regulations

Scheme of Examination

Proposed	Approved by the Academic Council
16.3 Audit Courses (Optional) A student will be allowed to register for a audit courses during the entire UG Program. Students will opt for audit courses only on recommendation of Faculty Advisor.	Approved by the Academic Council
13.9 Comprehensive viva The examination of student under this head is aimed at assessing the student's understanding of various subjects studied during the entire program. The Viva-voce examination will be conducted by a panel of examiners consisting of the departmental committee and at least one external expert, preferably from an Industry. To be deleted for SoE 2018	Approved by the Academic Council

Evaluation

Proposed	Academic Council Decision
18.1 A student is evaluated for theory courses through Teachers Assessment (TA), three mid semester examinations (MSE) and one End Semester Examination (ESE)	Approved by the Academic Council
18.2 The relative weightage is 10% for TA, 30% from any two better of three MSE, and 60% for ESE. The teacher shall announce the method of TA at the beginning of the semester. All MSE and ESE are compulsory for all students. The marking will be on absolute basis. The total marks are calculated in each course as per the weightage indicated above. No credits are awarded if the student remains absent in the ESE.	Approved by the Academic Council
18.3 The laboratory courses will have Continuous Assessment (CA) which will be based on punctuality, turn to turn assessment of student's work, quality of records maintained, group discussions, overall understanding of the experiment and viva-voce examination (as per requirement of structure of course). The CA for laboratory courses shall be 40% and ESE may be on an experiment or viva or written test or a combination of these, and shall carry a weightage of 60%. Practical Courses with 100% continuous evaluation will not have ESE. The student shall either successfully complete the course or shall get I grade if the course work is not satisfactory	Approved by the Academic Council



The Grading System

Proposed	
19.1.5 A student who has secured marks out of 100 and they are more than the minimum cut off as defined by Table No 2 (Statistical Method) or 4 (Absolute method) of AR, will be awarded suitable pass grade in that course only if he has scored at least 12 marks out of 60 at ESE in that course. This provision will be applicable from EVEN term 2018-19	Approved by the Academic Council
19.2.2 The award of grades will be subjected to the following process: A) THEORY SUBJECTS If $(X-1.5) > 40$ then grade calculation for C+ ,C, D & F shall be as given below , while that for A+,A,B+ & B shall be same as per Table 2 of the Academic Regulations $C+ = > X - (X - 40)/3,$ $C \geq X - (X - 40) \times 2/3,$ $D \geq X - (X - 40) \times 3/3,$ $F \leq X - (X - 40) \times 3/3$ B) THEORY SUBJECTS If $(X - 1.5) < 40$ for all those theory subjects with passing marks of 40 then lower limit for award of D grade shall be reduced up to 30 marks step by step, so that failure % as calculated by formula, Should not exceed 15%. C) PRACTICAL SUBJECTS: If $(X-1.5) < 50$ then Cutoff for passing shall be 50. But if $(X - 1.5) > 50$ then grades calculation for C+, C, D & F shall be as given below, while that for A+, A,B+ & B shall be same as per Table 2 of the Academic Regulations $C+ = > X - (X - 50)/3 ,$ $C \geq X - (X - 50) \times 2/3 ,$ $D \geq X - (X - 50) \times 3/3 ,$ $F < X - (X - 50) \times 3/3$	Approved by the Academic Council



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Revised question paper format for Mid Semester Examination and End Semester Examination were presented.

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

Item 20.07 To discuss and approve the report of Controller of Examinations for Odd Term 2018-19 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 2018-19.

Item 20.08 To discuss and approve the changes, if any, in Examination Manual.
No changes in Examination Manual

Item 20.09 To discuss and approve the report of Dean (Academic Matters) for Odd Term 2018-19.
The report of the Dean (Academic Matters) was put before the members and discussed.

The report of the Dean (Academic Matters) for the Odd Term of 2018-19 was approved by the Academic Council.

Item 20.10 To discuss and approve the report of Research Centre Activities for Odd Term 2018-19.

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

The report Research Centre Activities for Odd Term 2018-19 was approved by the Academic Council.

A policy document 2018, No NYSS/CEO/2017-18/ dated 15.09.2018, titled as, "Providing structure, system, guidance and financial assistance for promotion of research among faculty and students" which aims at promoting R&D culture amongst faculty and students of the institution, was also discussed in the academic council and the same was unanimously approved.



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A policy document 2018, No NYSS/CEO/2018-19/ dated 15.09.2018, titled as, "promotion of code of ethics , Academic Integrity and prevention of plagiarism in the institution" which aims at assessment of academic and research work by the faculty and students of the institution, was also discussed in the academic council and the same was unanimously approved.

Item 20.11 To discuss the approve the report of the Training and Placement Office for Odd Term 2018-19

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

The report of Training and Placement Officer for Odd Term 2018-19 was approved by the Academic Council.

Item 20.12 To discuss and approve specialization certificate course in Computer Science & Engineering, Mechatronics and Management Studies

The Academic Council approved to offer above mentioned specialization certificate courses.

Item 20.13 To discuss and approve to start new existing Under Graduate programme with honors and with minor & Ph.D. programme

- Approval for starting existing Under Graduate programme with honors and with minor.

The Academic Council approved resolution to start new existing Under Graduate programme with honors and with minor as per AICTE Guidelines for Model Curriculum November 2017, after taking due permission from Rashtrasant Tukadoji Maharaj Nagpur University.

- Approval for starting new Ph. D. Programme.

The Academic Council approved resolution to start new Ph.D. programmes as per University Grants Commission (Conferment of Autonomous Status Upon Colleges and Measures for



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Maintenance of Standards in Autonomous Colleges) Regulations, 2018 point no 10.2 after taking due permission from Rashtrasant Tukadoji Maharaj Nagpur University

Item 20.14 To start credit transfer scheme for one complete semester with reputed institute such as College of Engineering Pune and VNIT Nagpur etc.

The issue of credit transfer scheme for one complete semester was discussed.

The Academic Council approved to start credit transfer scheme for one complete semester.

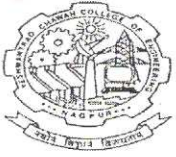
Item 20.15 Any other matter with the permission of the Chair

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

The meeting concluded with thanks to the Chair.

Date: 08.03.2019

(Dr. A.V. Bapat)
Member Secretary



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Hingna Road, Wanadongri, Nagpur-411 110.

Academic Council 2018-21

20th Meeting 02nd March 2019

SN	MEMBERS	Affiliation	Signature
1	Dr. U.P. Waghe, Chairman	Professor in Civil Engg, YCCE, Nagpur; and Principal	
2	Dr. Rajesh Pande	Principal, Shri Ramdeobaba College of Engineering and Management, Ramdeo Tekdi, Gittikhadan, Katol Road, Nagpur	LOA
3	Dr. Hemant Hajare	ITM College of Engineering, Behind Madhi Mandir, Ghorpad Road, Tah. Kamptee, Dist. Nagpur	 23/19
4	Dr. N.G. Bawane	Principal, Jhulelal Institute of Technology, Nagpur.	 02-3-19
5	Prof. Dr. N.C. Siva Prakash	Professor, Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012	LOA
6	Mr. Sameer Bendre	Chief People Officer, Persistant System Ltd., Nagpur	LOA
	Mr. Milind Kank	Managing Director, Yeshshree Industries Ltd., Aurangabad	LOA
8	Mr. Priyadarshan Kshirsagar	Head Business (IT), Tata Motors Ltd., Pune S. GM - Prod. Line. EVBU, Tata Motors	
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. B.Y. Bagde	Head, Dept of Electrical Engg, YCCE, Nagpur	
12	Dr. P.T. Karule	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. M.S. Narlawar	Head, Dept of Eletronics and Telcomm, YCCE, Nagpur	
14	Dr. Mrs. G.M. Dhopavkar	Head, Dept of Computer tech, YCCE, Nagpur	
15	Dr. R.C. Dharmik	Head, Dept of Information Tech, YCCE, Nagpur	
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	
	Dr. J.R. Ghulghule	Head, Physics, YCCE, Nagpur	
18	Dr. Mrs. Jyoti V. Miskin	Head, Dept of Chemistry, YCCE, Nagpur	
19	Dr. P.K. Dakhole	Registrar, YCCE	
20	Dr. A.R. Bhagat Patil	Asso. Professor in Computer Technology, YCCE, Nagpur; and Dean (P&D)	
21	Prof. D.R. Raut	Associate Professor in Civil Engg, YCCE, Nagpur; and Controller of Examinations	
22	Dr. M.M. Raghuvanshi	Professor in Information Technology, YCCE, Nagpur; and Chairman of Result Review & Moderation Committee	
23	Dr. A.M. Pande (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Director (R&D)	
24	Dr. A.V. Patil (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Chairman of Self Assessment of Autonomy	
25	Prof. Aniket P. Munshi (Invitee)	A.P. in Electrical Engg, YCCE, Nagpur	LOA
26	Dr. A.V. Bapat, Member Secretary	Professor in Electronics Engineering, YCCE, Nagpur; and Dean Academic Matters	



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Minutes of 19th meeting of Academic Council held on 25th August 2018

The **Nineteenth meeting** of Academic Council was held on **25th August 2018** at 11.00 am in the Board Room of YCCE, Nagpur. The following members attended the meeting.

1	Dr. U.P. Waghe, Principal & Chairman	12	Prof. R.C. Dharmik, HoD, Information Technology
2	Dr. Hemant Hajare, ITM College of Engineering, Nagpur	13	Dr. Mrs. Manjusha P. Gandhi, HoD Mathematics and Humanities
3	Dr. N.G. Bawane, Principal, Jhulelal Institute of Technology, Nagpur	14	Dr. J.R. Ghulghule, HoD Physics
4	Dr. N.C. Shivprakash, I.I.Sc., Bangalore	15	Dr. P.K. Dakhole, Registrar, YCCE
5	Mr. Priyadarshan Kshirsagar, Head Business (IT), Tata Motors Ltd., Pune	16	Prof. Arvind Bhagatpatil, Dean (P & D)
6	Dr. Shantanu R. Khandeshwar, HoD, Civil Engineering	17	Prof. D.R. Raut, COE
7	Dr. Sharad S. Chaudhary, HoD, Mechanical Engineering	18	Dr. M.M. Raghuvanshi, Professor in Information Technology, YCCE
8	Dr. B.Y. Bagde, HoD, Electrical Engineering	19	Dr. A.M. Pande, Professor in Civil Engg, YCCE and Director (R&D)
9	Dr. P.T. Karule, HoD Electronics Engineering	20	Dr. A.V. Patil, Professor, Civil Engineering, YCCE
10	Dr. M.S. Narlawar, HoD, Electronics & Telecommunication Engineering	21	Prof. Aniket P. Munshi, Electrical Engineering, YCCE
11	Prof. Mrs. G.M. Dhopavkar, HoD Computer Technology	22	Dr. A.V. Bapat, Dean (Acad. Mat.) & Member Secretary

Leave of Absence granted to			
1	Dr. Rajesh Pande, Principal, Shri Ramdeobaba College of Engineering and Management, Nagpur	3	Mr. Milind Kank, Managing Director, Yeshshree Industries Ltd., Aurangabad
2	Mr. Sameer Bendre, Chief People Officer, Persistant System Ltd., Nagpur	4	Dr. Mrs. Jyoti V. Miskin, HoD, Chemistry



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Item 19.01: 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 19.02 To confirm the Minutes of 18th Meeting of the Academic Council and consider the action taken report.

The AC unanimously approved the minutes of Eighteenth meeting of Academic Council held on 24th February 2018 and Action Taken Report thereof.

Item 19.03 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 as below

❖ Proposed New Courses

The BoS in Civil Engineering has proposed the following new courses.

- 1. Professional Electives-I(Sixth Sem BE)**
PE-I : Construction Engineering & Management
- 2. Professional Elective-III (Seventh Sem BE)**
PE-III Waste to Energy Conversion

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

Branch	Sem	Course Code & Name
Civil Engg.	8	CV1452: PE- 4: Advanced Surveying
Electrical Engg.	7	EL1431 : PE III: Advanced Control System
	8	EL1433: Renewable Energy Sources
	8	EL1436: PE 4 : Fundamentals of Smart Grid
	5	EL1302: Power Electronics
	6	EL1311: PE 1: Advanced Power Electronics
Electronics Engg.	6	EE1330 OE-II: Biomedical Instrumentation
	8	EE1416: PE 5: Biomedical Instrumentation & Its Applications



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Computer Tech	7	CT1437: PE 3 : Parallel Computing
	8	CT1443: PE 4: Internet of Things
	7	CT1454: PE 3: Machine Learning Techniques
Information Tech.	5	IT1307: Computer Graphics
	6	IT1330: Business Intelligence
General Engg	1	Engineering Chemistry

❖ **The changes in the Books suggested by the BoS as below**

Electronics Engg.	6 & 8	EE1330/EE1416: Introduction to Biomedical Instrumentation by Mandeep Singh, PHI Publication.
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❖ **The changes in the Lab Courses (M. Tech IPS) suggested by the BoS as below**

Electrical Engg.	2	EL1919 Lab Renewable Energy Systems
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Issue of MSE / Re MSE was discussed and it was decided that Dean (Academics Matters) shall find out solution for the same in consultation with BOS chairman.

It was informed that MSPA marks can be entered later if the term work is accepted by the teachers.

The AC approved the proposals of new Professional Elective courses to be offered by BoS Civil Engineering

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.

Item 19.04 To discuss and finalize the changes, if any, in Academic Regulations.

- UG Level credit criteria for progression for SoE 2018 on wards
- 'I' Grade to courses having 100% internal evaluation.

Actual names of the courses to be added in modified Academic Regulation



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- **Re-MSE for students having CAMPUS Interview on regular MSE**

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

- Item 19.05 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. It was decided that

- *Paper pattern for two subjects to be moderated for First Semester from 2018-19 onwards.*
- *Paper pattern should be reviewed*
- *The practical ESE examination in Odd Term to be conducted by internal evaluators only and by Internal as well as external evaluators in Even Term Examination from 2018-19 onwards.*

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

- Item 19.06 To discuss and approve the changes, if any, in Examination Manual**

S. N.	Section/ Clause	Existing Details	Brief Details after change
1	EX20 Organization of ESE	20.16 – Nil (hence new addition)	20.16 Those student leaving examination hall before 3 hours will have to submit question paper along with answer book to invigilator. Student will be allowed to take question paper outside the examination hall only after 3 hours
2	EX20 Organization of ESE	20.17 – Nil (hence new addition)	20.17 Undertaking from student at Examination Centre shall be taken by invigilator if student do not have College ID Card or Admit Card at the time of Examination. The student will have to pay fine of Rs. 500=00



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3	EX35 35.6.1 Guidelines for Grace Marks	35.6.1 – Nil (hence new addition)	Maximum 3 Grace Marks /per subject can be given in two subjects of semester provided: <ul style="list-style-type: none">• Student is failed in only two subjects of that semester and all other subjects are clear pass.• If Student is going to clear pass that semester after grace then grace will be given• If student score less than 12 marks out of 60 in ESE then he / she is not eligible for grace marks• If Student is failed in 3 or more subjects then grace marks will not be given in any subject (not Eligible)
4	EX35 35.6.2 Guidelines for Grace Marks	35.6.2 – Nil (hence new addition)	The benefit of extra time and grace marks, will be given to physically handicapped students as mentioned in the GR of Higher & Technical Education Department, Government of Maharashtra (GR No. संकीर्ण – 2016/ प्र. क्र.302/ विशि – 3 dated 04 March 2017).
5	EX35 35.7 Explanation of Grades	'I' Grade : A student having attendance lower than 75% in a course, whatsoever may be the reason is prevented from appearing in the ESE for that course in that semester and the student will have to re- register for the course as and when it is offered. In such cases the student will be given "I" grade. The continuous assessment of laboratory course shall be null and void in such cases and the student shall have to re-register for the laboratory course as and when it is offered	'I' Grade : A student having attendance lower than 75% in a course, whatsoever may be the reason is prevented from appearing in the ESE for that course in that semester and the student will have to re- register for the course as and when it is offered. In such cases the student will be given "I" grade. The continuous assessment of laboratory course shall be null and void in such cases and the student shall have to re-register for the laboratory course as and when it is offered The courses where all 100 marks are internal with no ESE marks and if the student scores marks of 'Fail' Grade, then 'I' grade shall be awarded while preparing the result.
6	Ex 41A Instructions To The Students/ Examinees	41A. 24 – Nil (hence new addition)	41A. 24 Those student leaving examination hall before 3 hours will have to submit question paper along with answer book to invigilator. Student will be allowed to take question paper outside the examination hall only after 3 hours
7	Ex 41A Instructions To The Students/ Examinees	41A. 25 – Nil (hence new addition)	41A. 25 Undertaking from student at Examination Centre shall be taken by invigilator if student do not have College ID Card or Admit Card at the time of Examination. The student will have to pay fine of Rs. 500=00

The above changes in Examination Manual were approved by the Academic Council.



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Item 19.07 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 Even Term of 2017-18 was approved by the Academic Council.

Item 19.08 To discuss and approve the report of Research Centre Activities for Even Term 2017-18.

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

It was suggested to conduct workshop on Technical / Paper writing skills, which is offered by Springer / Wiley.

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

Item 19.09 To discuss the approve the report of the Training and Placement Office for Even Term 2017-18

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

AC suggested that the number of student Higher Studies / Entrepreneur, Off Campus placement, GRE & GATE data should also be presented. The report was accepted.

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



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Item 19.10 To discuss the approve the report of the IQAC (Internal Quality Assurance Cell)

The report of the IQAC (Internal Quality Assurance Cell) was put before the members.

It was suggested to incorporate exam reform in the report.

The report of the IQAC (Internal Quality Assurance Cell) 2017-18 was approved by the Academic Council.

Item 19.11 Any other matter with the permission of the Chair

- **Additional Chance for RTMNU Special Scheme (Carry on Case)**

AC approved to offered additional chances for RTMNU Special Scheme for all carry on cases.

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

Issue was discussed and additional data to be presented in next AC.

- **Inclusion of medals**

It is proposed to award of Gold Medal to Overall Topper of UG programmes of the institute as "**Dr. Shekhar D. Bhole**" Overall Topper Under Graduate Programmes To be awarded from 5th Graduation Ceremony onwards.

The AC approved the award of Gold Medal to Overall Topper of UG programmes of the institute as "Dr. Shekhar D. Bhole" Overall Topper Under Graduate Programmes

- **Discussion on change in Programme name of B. E. Electronics Engineering**

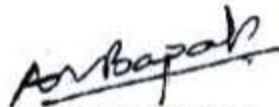
The issue of change in the branch name of Electronics Engineering to Electronics & Communication was discussed.

Academic Council authorized principal to take appropriated decision this regard.

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

The meeting concluded with thanks to the Chair.

Date: 08.09.2018


(Dr. A.V. Bapat)
Member Secretary



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Nagar Yuwak Shikshan Sanstha's
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Academic Council 2018-21

19th Meeting 25th August 2018

SN	MEMBERS	Affiliation	Signature
1	Dr. U.P. Waghe, Chairman	Professor in Civil Engg, YCCE, Nagpur; and Principal	
2	Dr. Rajesh Pande	Principal, Shri Ramdeobaba College of Engineering and Management, Ramdeo Tekdi, Gittikhadan, Katol Road, Nagpur	LOA
3	Dr. Hemant Hajare	ITM College of Engineering, Behind Madhi Mandir, Ghorpad Road, Tah. Kamptee, Dist. Nagpur	
4	Dr. N.G. Bawane	Principal, Jhulelal Institute of Technology, Nagpur.	
5	Prof. Dr. N.C. Siva Prakash	Professor, Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012	
6	Mr. Sameer Bendre	Chief People Officer, Persistant System Ltd., Nagpur	LOA
7	Mr. Milind Kank	Managing Director, Yeshshree Industries Ltd., Aurangabad	LOA
8	Mr. Priyadarshan Kshirsagar	Head Business (IT), Tata Motors Ltd., Pune	
9	Dr. S.R. Khandeshwar	Head, Dept of Civil Engg, YCCE, Nagpur	
10	Dr. Sharad S. Chaudhari	Head, Dept of Mech Engg, YCCE, Nagpur	
11	Dr. B.Y. Bagde	Head, Dept of Electrical Engg, YCCE, Nagpur	
12	Dr. P.T. Karule	Head, Dept of Electronics Engg, YCCE, Nagpur	
13	Dr. M.S. Narlawar	Head, Dept of Eletronics and Telcomm, YCCE, Nagpur	
14	Prof. Mrs. G.M. Dhopavkar	Head, Dept of Computer tech, YCCE, Nagpur	
15	Prof. R.C. Dharmik	Head, Dept of Information Tech, YCCE, Nagpur	
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	
17	Dr. J.R. Ghulghule	Head, Physics, YCCE, Nagpur	
18	Dr. Mrs. Jyoti V. Miskin	Head, Dept of Chemistry, YCCE, Nagpur	LOA
19	Dr. P.K. Dakhole	Registrar, YCCE	
20	Prof. A.R. Bhagat Patil	Asso. Professor in Computer Technology, YCCE, Nagpur; and Dean (P&D)	
21	Prof. D.R. Raut	Associate Professor in Civil Engg, YCCE, Nagpur; and Controller of Examinations	
22	Dr. M.M. Raghuvanshi	Professor in Information Technology, YCCE, Nagpur; and Chairman of Result Review & Moderation Committee	
23	Dr. A.M. Pande (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Director (R&D)	
24	Dr. A.V. Patil (Invitee)	Professor in Civil Engg, YCCE, Nagpur; and Chairman of Self Assessment of Autonomy	
25	Prof. Aniket P. Munshi (Invitee)	A.P. in Electrical Engg, YCCE, Nagpur	
26	Dr. A.V. Bapat. Member Secretary	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. K.K. 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.



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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



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YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

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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. Ujjwala 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 Chairmah 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 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											
	IT1416	PE4: Lab : Neural Networks & Fuzzy Logic	0	0	2	2	1	15	15	10	60	3 Hrs
	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 Programming 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.



Nagar Yuwak Shikshan Sanstha's

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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.




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



Nagar Yuwak Shikshan Sanstha's

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Hingna Road, Wanadongri, Nagpur-411 110.

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 Dist Wardha	
3	Dr. V.H. Tatwawadi	Principal, DBA College of Engg., Wanadongri, Nagpur	
4	Dr. G.H. Agrawal	Professor and Head, Dept. of Electrical Engg, KDK College of Engg, Nagpur	
5	Prof. Dr. N.C. Siva Prakash, Professor, IISc, Bangalore	Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore 560 012	
6	Mr. Sunil C. Panchbhai	Dy. General Manager, Team Head-Development, LG Electronics India Pvt Ltd., Plot No. A-5, MIDC Ranjangaon, Tal. Shirur, Pune-412209	
7	Mr. Rajendra Jodhpurkar	Delivery Head, Life Science & Healthcare, Persistent Systems, Software Technology Park, Near VNIT, Nagpur 440022.	LOA
8	Mr. Chandrashekhar Joshi	Head, Competency Unit - MIS, FUJITSU CONSULTING INDIA, A-15 MIDC Technology Park Talawade Pune 412114	
9	Dr. 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. Ujjwala H. Gawande	Head, Dept of Information Tech, YCCE, Nagpur	High 26/8/17
16	Dr. Mrs. Manjusha P. Gandhi	Head, Dept. of Mathematics and Humanities, YCCE, Nagpur	High 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 16th meeting of Academic Council held on 25 February 2017

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

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

Leave of Absence granted to			
1	Mr. Rajendra Jodhpurkar, Persistent Systems, STP, Nagpur.	2	Dr. Mrs. Jyoti V. Miskin, HoD, Chem.



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Item 16.1 Welcome of new members

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

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

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

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

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

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

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



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



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



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

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

Part B: Proposed New Courses:

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

Proposed Syllabus for Professional Electives

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

Industry aligned electives in VI semester (Pure Lab Course)

1. Open Source Lab (with TCS)



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2. MOS Lab (with Global Logic)

3. IGIS (with 6Simplex Software Solution)

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

Part C: Reorganization of the Scheme of Examination:

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

The salient points of the scheme are:

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

Part D: Evaluation of Lab courses

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



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Part E: Electronic Question Banks

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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



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

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

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

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

There are no changes proposed in the Examination Manual.

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

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

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

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



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

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

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

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

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

Item 16.11 Any other matter with the permission of the Chair

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

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



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

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

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

The meeting concluded with thanks to the Chair.

Date: 04.03.2017

(S.D. BHOLE)
Member Secretary

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

Hingna Road, Wanadongri, Nagpur-411 110.

Academic Council 2016-18

16th Meeting 25th Feb. 2017

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



(Dr. U.P. Waghe)
Principal, Y.C.C.E.
 Principal
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Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

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

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

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

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

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

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

Item 15.1: Welcome of new members

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

There are no changes proposed in the Examination Manual.

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

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

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

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

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

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

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

15.11.1 Full Time PhD Students

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

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

15.11.2 Teachers Recognitions and Achievements

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

The suggestion was welcomed and accepted by all the members.

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

15.11.3 Sponsored Research Projects

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

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

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

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

15.11.4 Best Teacher Award

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

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

15.11.4 Second Graduation Ceremony

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

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

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

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

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

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

15.11.6 Electronic Question Banks

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

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

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

15.11.7 Accreditation Visits


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

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

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

The meeting concluded with thanks to the Chair.

Date: 03.10.2016


(S.D. BHOLE)
Member Secretary
