



NEW HORIZON
COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

24th Academic Council Meeting

7th December, 2022

Minutes of the Meeting

VENUE: Conference Room, Chatrapathi Shivaji Block

TIME: 02:00 PM

NEW HORIZON COLLEGE OF ENGINEERING
ACADEMIC COUNCIL MEETING -AY 2022-2023

AGENDA

Date: 7/12/2022

Venue: Conference Hall, Chatrapathi Shivaji Block/Blended Mode

Time: 02.00 pm

AGENDA Points:

1. Welcome address
2. Discussion of Scheme of Study for 1st Year UG Program for the AY 2022-2023 based on revised VTU guidelines³ based on revised VTU guidelines.
3. Salient features of the proposed scheme.
4. Proposed Credit Structure in alignment with VTU
5. Proposal and Approval of Scheme of Study for 1st year – AY 2022-2023
6. Any other points for discussion with the permission of the Chairman.

Members of the Academic Council

Sl No.	Category	Sl No.	Name
I	Principal of the College - Chairman	1	Dr. Manjunatha
II	Dean-QASDC	1	Dr.Sanjeev Sharma
III	All Heads of the Dept. - Members	1	Dr. Niranjan P S
		2	Dr. B Rajalakshmi
		3	Dr. Aravinda K
		4	Dr. Mohan H.S
		5	Dr. Shridhar Kurse
		6	Dr. Revathi V
		7	Dr. Anusuya Devi V S
		8	Dr. Asha V
		9	Dr. Sheelan Misra
		10	Dr. Srinivasa G
		11	Dr.Mahesh
		12	Dr. Sowmya Narayanan
		13	Dr.Manikandan
		14	Dr. Uma Reddy
		15	Dr.Siddesha G.K
IV	Controller of Examination	1	Dr. Vijilius H Raj
V	Nominees of University (VTU)	1	Dr. Shadashive gowda, Principal- Vidya Vardhaka College of Engineering, Mysuru
		2	Dr. Shivyoginath, Prof., Dept. of Civil Engineering, Basaveswara Engineering College, Bagalkot
VI	Dean Academics – Member Secretary	1	Dr. R. J. Anandhi



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Accredited by NAAC with 'A' Grade, Accredited by NBA
New Horizon Knowledge Park, Ring Road, Bellandur Post, Bengaluru 560 103

ACM MEETING: ATTENDANCE SHEET

VENUE: CONFERENCE HALL/Blended Mode

Date: 07.12.2022

Time: 2:00 PM

Sl No.	Category	Sl No.	Name	Signature
I	Principal of the College - Chairman	1	Dr. Manjunatha	
II	Dean-QASDC	1	Dr. Sanjeev Sharma	
III	All Heads of the Dept. - Members	1	Dr. Niranjana P S	
		2	Dr. B Rajalakshmi	
		3	Dr. Aravinda K	
		4	Dr. Mohan H.S	
		5	Dr. Shridhar Kurse	
		6	Dr. Revathi V	
		7	Dr. Anusuya Devi V S	
		8	Dr. Asha V	
		9	Dr. Sheelan Misra	
		10	Dr. Srinivasa G	
		11	Dr. Mahesh M	
		12	Dr. Sowmya Narayanan	ONLINE
		13	Dr. Manikandan - S.P.	
		14	Dr. Uma Reddy	
		15	Dr. Siddesh G.K	



NEW HORIZON COLLEGE OF ENGINEERING


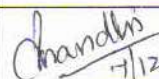
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ACM MEETING: ATTENDANCE SHEET

VENUE: CONFERENCE HALL/Blended Mode

Date: 07.12.2022

Time: 2:00 PM

Sl No.	Category	Sl No.	Name	Signature
IV	Controller of Examination	1	Dr. Vijilius H Raj	ONLINE
V	Expert from outside the college representing areas such as industry R&D, Tech Edu.	1	Mr. Manasa Dasgupta, Chair of Young BCIC Expert Committee.	ONLINE
		2	Mr. Ananthamani, General Manager, Capgemini	ONLINE
		3	Prof. K.N.Subramanya, Principal, R.V College of Engineering	ONLINE
VI	Nominees of University (VTU)	1	Dr. B Sadashive Gowda Principal, Vidya Vardhaka College of Engineering, Mysuru	ONLINE
		2	Dr.C.B.Shivayogimath, Prof., Dept of Civil Engineering Basaveswar Engineering College, Bagalkot	 7/12/2022
VII	Dean Academics - Member Secretary	1	Dr. R. J. Anandhi	 7/12/22

MINUTES OF THE MEETING

Welcome address by the Principal of NHCE. The Principal of the college formally welcomed all the members and informed them that the meeting is being conducted blended mode (offline & online). Also welcomed VTU nominees: Dr. Shadashive Gowda and Dr. Shivyoginath. The member secretary extended hearty welcome to Honorable Chairman for his support.

AGENDA 1

Discussion of Scheme of Study for 1st Year UG Program for the AY 2022-2023 based on revised VTU guidelines

A) Curriculum has been planned and uniquely framed for 3 different streams:

❖ **Computer Science and Engineering Allied Stream**

- Artificial Intelligence and Machine Learning Program
- Computer Science and Engineering Program
- Computer Science and Engineering (Data Science) Program
- Computer Engineering Program
- Information Science and Engineering Program

❖ **Electrical and Electronics Engineering Allied Stream**

- Electronics and Communications Engineering Program
- Electrical and Electronic Engineering Program

❖ **Mechanical Engineering Stream**

Mechanical Engineering Program

B) Engineering Science Courses (ESC) offered:

Sl. No.	Course Code	Courses	L:T:P:S	Credits
1	22ESC141/241	Basic Electronics	3:0:0:0	3
2	22ESC142/242	Introduction to Electrical Engineering	3:0:0:0	3
3	22ESC143/243	Basic Mechanical Engineering	3:0:0:0	3
4	22ESC144/244	Basic Civil Engineering	3:0:0:0	3
5	22CSE13/23	Data Structures using C	2:0:1:0	3

- Data Structures using C is introduced with lab to make all program students ready for placement.

C) Programming Language Courses (PLC) offered:

Sl. No.	Course Code	Courses	L:T:P:S	Credits
1	22PLC151/ 251	Problem Solving using Python	2:0:1:0	3
2	22PLC152/ 252	Introduction to C++ Programming	2:0:1:0	3
3	22PLC153/ 253	Introduction to Web Programming	2:0:1:0	3

- Integrated Lab with lab SEE
- All courses under PLC can be taught by Any Department
- Since many biology students are admitted in first year, Java will be given in higher semester.
- All faculty are trained for PLC courses through FDP's and NPTEL courses

D) Emerging Technology Courses (ETC) offered:

Sl. No.	Course Code	Courses	L:T:P:S	Credits
1	22ETC151 / 251	Robotics and Automation	3:0:0:0	3
2	22ETC152 / 252	Basic Elements of Electric Vehicles	3:0:0:0	3
3	22ETC153 / 253	Introduction of Internet of Things	3:0:0:0	3
4	22ETC154 / 254	Introduction to Drone Technology	3:0:0:0	3
5	22ETC155 / 255	Introduction to Cyber Security	3:0:0:0	3
6	22ETC156 / 256	Introduction to Nano Technology	3:0:0:0	3
7	22ETC157 / 257	Renewable Energy Sources	3:0:0:0	3

- All courses under ETC can be taught by Any Department
- Three new ETC are introduced:
- Robotics and Automation
- Basic Elements of Electric Vehicles
- Introduction to Drone Technology

E) The Dean Academics- Member Secretary introduced the **non-mandatory non-credit Foreign Language courses.**

- Foreign Language Courses (FLC) offered:

Sl. No.	Course Code	Courses
1	22FLC191/ 291	French
2	22FLC192/ 292	German
3	22FLC193/ 293	Spanish
4	22FLC194/ 294	Japanese

- Based on Students request, support for Foreign language courses will be provided.
- This was much appreciated by VTU Nominee and Council members.

AGENDA 2

Salient Features of the Proposed Scheme

- ❖ Curriculum is made Industry relevant, Application-oriented and Branch relevant
- ❖ Emerging Technologies are introduced from First Year
- ❖ Choice Based Credit System is implemented to a larger extent
- ❖ Ample opportunities for exploration of Elective Courses by the students
- ❖ Implementation of Integrated Courses from the first year
- ❖ Foreign Language options are introduced for interested students
- ❖ Faculty are trained to handle any courses under ETC and PLC Basket

AGENDA-3

Proposed Credit Structure in Alignment with VTU

- **Number of Credits – Semester-wise**

Sl. No	Semester	No of Credits
1	I Semester	20
2	II Semester	20
3	III Semester	21
4	IV Semester	21
5	V Semester	20
6	VI Semester	20
7	VII Semester	22
8	VIII Semester	16
	Total	160

- **First Year Credit Distribution**

Sl. No.	Category	VTU First Year Credits	NHCE Proposed Curriculum
1	Humanities and Social Sciences	02	02
2	Basic Science courses	16	16
3	Engineering Science courses (including ETC and PLC)	18	18
4	Ability Enhancement Courses	04	04
5	Non-Mandatory Non- Credit Courses	NA	Proposed
	Total	40	40

AGENDA-4

Proposal and approval of scheme of study for 1st year – AY 2022-2023

The Member Secretary has proposed following scheme for approval (Physics and Chemistry cycle):

- Scheme for CSE allied branches (CSE/ISE/AIIML/CE/DS)
- Scheme for EE allied branches (ECE/EE)
- Scheme for ME branch

All proposed Scheme was approved by all members.

AGENDA-5

Any other points with approval of Chairman

- The Chairman requested Dean Academics to go through the Syllabus.
- All BoS Chairman are requested to send syllabus with following updation:
 - Only reference books with new edition.
 - Learning resources (weblinks, YouTube links, publications etc.) can be added.
- Maths lab handling faculty to be encourage to get well versed with lab software.
- Yoga syllabus changes:
 - 20% of syllabus should be practical session
 - Reference books should be Indian author
- Robotics and Automation (22ETC151 /251) syllabus were appreciated by committee members.
- HOD-Chemistry expressed her view that ETC- Introduction to Nano Technology can be under Applied Sciences BoS and all the members agreed for the same.
- Dr Niranjana- HOD Civil explained how Innovation and Design Thinking course will be delivered in unique way. The course is offered with lots of case studies and students will be exposed to experiential learning.

The forum was open for further discussion and advice

- Members expressed overall satisfaction with the curriculum and the suggestions.
- VTU Nominee- Dr. Sadashive Gowda expressed his heartfelt congratulations to whole team for framing curriculum in line with NEP and VTU. He also appreciated the salient features of proposed curriculum.

Vote of Thanks by Member Secretary

The Dean Academics-Member Secretary of the Academic Council thanked all the members of ACM for active participation in designing of scheme and syllabus for 1st year curriculum for AY 2022-2023. She thanked the VTU nominees: Dr. Shadashive Gowda and Dr. Shivyoginath for their valuable suggestions. She also expressed her heartfelt thanks to Honorable Chairman and Principal for their support.

Anandhi

Dr R J Anandhi
Professor and Dean-Academics
New Horizon College of Engineering
Ring Road, Bellandur Post,
Bengaluru - 560 103

Shivyoginath
3/1/2022



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23rd Academic Council Meeting

27th August, 2022

Minutes of the Meeting

Anandhi
29/8/22

Dr R. J. Anandhi
Professor and Dean-Academics
New Horizon College of Engineering
Ring Road, Bellandur Post,
Bangalore - 560 103

Mayur

Principal
New Horizon College of Engineering
Ring Road, Bellandur Post,
Bangalore - 560 103

NEW HORIZON COLLEGE OF ENGINEERING

ACADEMIC COUNCIL MEETING

AGENDA

Date: 27/08/2022

Venue: GD-4, HRD Department, Chhatrapati Shivaji Block/ Online Google Meet

Time: 11.00 am

AGENDA POINTS

1. Welcome address by the Chairman of the Academic Council.
2. Discussion and seeking approval of scheme of BE Programs of AIML, CE, CIV, CSE, ECE, EEE, ISE, ME for NEP 160 credits from 1st to 8th Semesters.
3. Discussion and seeking approval of scheme and syllabus of MCA, MBA, MTech Programs from 1st to 4th Semesters for the academic year 2022-23
4. Discussion and approval of 1st and 2nd semester syllabus for the academic year 2022-23
5. Discussion and approval of equivalent subject for later entry students who will be taking admission to 3rd semester from AY 2022-23 onwards.
6. Discussion on syllabus of 3rd & 4th Semester of 160 credits schemes for the BE Programs of AIML, CE, CIV, CSE, ECE, EEE, ISE, ME.
7. Discussion and Approval of list of Ability Enhancement Courses for BE Programs.
8. Discussion on Minor Degree Programmes
9. Ratification of SEE Pattern for few Courses
10. Ratification and approval of BE 8th Semester results.
11. Discussion / approval of equivalence for the students who are seeking re-admission/rejoining to 3rd semester to 160 scheme from 175 credit scheme.
12. Approval of Calendar of events of BE Programs Odd Semester – 3rd, 5th & 7th semesters AY 2022-23.
13. Discussion of Graduation List of AY 2021-22.
14. Any other points for discussion with the permission of Chairman.
15. Forum would be open for further discussion and advice.
16. Vote of Thanks by Member Secretary

Members of the Academic Council

S.No.	Category	Sl No.	Name
I	Principal of the College - Chairman	1	Dr. Manjunatha
II	All Heads of the Dept. - Members	2	Dr. Siddesha G K
		3	Dr. Niranjana P S
		4	Dr. B Rajalakshmi
		5	Dr. Mohan HS
		6	Dr. Sanjeev Sharma
		7	Dr. Mahesh M
		8	Dr. Aravinda K
		9	Dr. Shridhar Kurse
		10	Dr. Uma Reddy NV
		11	Dr. SP Manikandan
		12	Dr. Revathi V
		13	Dr. Anusuya Devi VS
		14	Dr. Asha V
		15	Dr. Sheelan Misra
		16	Dr. Srinivasa G
		17	Dr. Sowmya Narayanan
		18	Dr. Anitha Rai
III	Controller of Examination	1	Dr. Vijilius H Raj
IV	Teachers of the College representing different level of teaching staff	1	Dr. Nagendra.J, Associate Professor
		2	Dr. Srinath MK, Associate Professor
		3	Dr. Prashanth. K.S, Associate Professor
		4	Ms. Asha Rani Borah, Sr. Assistant Prof
		5	Ms. Swathi. B, Sr. Assistant Professor

	6	Ms.Vandana C P Sr. Assistant. Prof
	7	Dr. Jagadeesh CB Sr. Assistant. Prof
	8	Mr. Surendra .B.V Associate Professor
	9	Dr. A R Sainath, Professor
	10	Dr. B Meenakshi Sundaram Professor
Expert from outside the college representing areas such as industry R&D, Tech Edu.		
	1	Mr.Manas Dasgupta Head of Wealth Technology ,ANZ Bank, Chair of Young BCIC Expert Committee
	2	Mr. Ananthamani, Vice President-PLM & Mech/Elec Capgemini Engineering
Representatives of University (VTU)	3	Prof. K.N.Subramanya, Principal R.V College of Engineering
	1	Dr. Shadashive Gowda, Principal-Vidya Vardhaka College of Engineering, Mysuru
	2	Dr. Shivyogimath, Prof., Dept. of Civil Engineering, Basaveswara Engineering College, Bagalkot
Dean Academics – Member Secretary	1	Dr. R. J. Anandhi

MINUTES OF THE MEETING

AGENDA- 1

Welcome address by the Chairman of the Academic Council

The Chairman of the Academic Council formally welcomed all the members of the council. Chairman started the proceedings by presenting the vision, mission of the institution and the most recent accords of the institution. Chairman shared the information about the VC Conclave Meet happening on 15th and 16th September 2022. The main agenda on the VC Conclave would be Digital intervention in National Education Policy (NEP) and the best practices followed at various universities.

AGENDA- 2

Discussion and seeking approval of scheme of BE Programs of AIML, CE, CIV, CSE, ECE, EEE, ISE, ME for NEP 160 credits from 1st to 8th Semesters.

- The Chairman of the Academic Council reemphasized the features and the importance of the NEP Implementation with 160 credits in Engineering.
- The Guidelines of the summer internship I and internship II with the credit distribution and the necessity of internships to create skill based learning in NEP were discussed.
- Mini Project in 3rd and 5th semester for 2 credits was proposed which is aligned with AICTE and VTU proposals of NEP implementation.
- Internship in 8th semester of duration 24 weeks of 15 credits is an important deliberation in NEP scheme. ACM Chairman focused on the internship duration and emphasized the need of industry to facilitate students with 24 weeks internship.
- Mr. Manas Das Gupta suggested that such internship can be taken up in remote mode. Further, as per the suggestions from Placement department hybrid mode was also suggested. The Council suggested the importance of digitalization in NEP scheme.
- Minor Degree Program of 18 credit implementation proposal was presented. Dr.C.B.Shivayogimath enquired about the reasoning behind the 'Minor' terminology used as it is an enhancement or skill up degree. However, the 'Minor' terminology is coined & proposed by AICTE, hence it was accepted by the Council. Further, overview of Minor degree courses with additional 18-20 credits with 6-7 additional courses was detailed to the Expert.
- As per VTU discussion, NPTEL courses with 18 credits can be taken up the student to earn Minor degree along with the major degree (160 credit). However, the ACM council

suggests that these courses must be delivered and evaluated by the respective faculties of the institution as the degree is offered by the VTU. Mr. Manasa Das Gupta suggested that the hybrid mode can be followed where in the student takes up the NPTEL courses with guidance from institution professors with top up assignments and projects.

- Professional Writing skill course is introduced to enhance the formal written communication amongst students. Email writing and client communication are need of hour in industry, hence students must skillup the same.
- Entrepreneurship Development -I, Entrepreneurship Development -II courses inclusion in the NEP scheme would generate more job providers rather than job seekers. It is in aligned with the Nation vision of 'Atmanirbhar Bharath'.
- Ability Enhancement Courses: Council suggested the two courses offered by the respective departments can act as bridge course. Pre-requisite courses aligned to the Major degree program can be offered by the respective departments. 'Problem Solving in C', 'Web Internet Programming' course offered by ISE department was focused by Dean Academics.
- Aadalitha Kannada /Vyavaharikha Kannada is aligned with VTU where by Aadalitha Kannada is for students who speak, read and write Kannada. Vyavaharikha Kannada is for non-Kannada speaking, reading, and writing students.
- ACM Chairperson emphasized that NHCE implementation of NEP professional courses are not integrated courses. Council suggests that the conduction of Semester End Examination (SEE) is required for both theory and lab. Hence the professional core theory courses are separated from the lab courses, so CIE and SEE will be conducted for them individually.
- Lateral Entry students must take the zero credit courses like Basic Applied Mathematics I, Basic Applied Mathematics II, Communicative English to bridge the gap.
- Physical Education emphasis was discussed and its implementation as zero credit course in NEP implementation was presented.
- Research Methodology as a mandatory course is introduced to create the base for research work in students. This would create the base for several research activities like idea formation, prototyping, paper publication, patent filing, grants and scheme for the students.

- Dr.C.B.Shivayogimath suggested the inclusion of the course content in 'Project Management and Entrepreneurship in the Entrepreneurship Development I and II courses. Project Management knowledge is required so that the idea creation to business model implementation can be carried out by the students.
- Students need to complete the final year project in 7th semester so that 8th semester can be used to carry out the 6 weeks internship task. Dr.C.B.Shivayogimath suggested to associate the institution research scholars with the students for the Internship Work/Research work for better understanding and coordination.
- Open Electives are offered from 6th to 7th semester in the scheme proposed. However, Prof. Gurucharan Singh suggested that the open electives must be completed before 7th semester. This is needed as Open electives are industry collaborated courses and would assist the students in placement which starts in 7th semester. At the most one Open Elective can be included in 7th semester, remaining electives suggested to be offered in lower semesters. Council also discussed the huge lab requirement to complete all the open electives in lower semester. The solution to provide new open electives with new industry collaborated labs was discussed.
- AICTE Activity Point implementation in NHCE and the automated procedure followed was presented. Each student attached with a proctor and the department has Activity point coordinator. Students must carry out the activities suggested to earn the grade points. The certificates of the same must be submitted to the proctors. The automated grade point generation check is in place with Contineo software automation. QASDC periodically checks this procedure. Dr.C.B.Shivayogimath appreciated the same.
- The credit distribution of the NEP implementation by AICTE, VTU and NHCE was presented in the slide and the importance of internship was re-iterated.
- The Dean-Academics presented the scheme and syllabus of the aforementioned branches as per the NEP guidelines (160 credits) and the same was approved by the members of the Academic Council.

AGENDA- 3

Discussion and seeking approval of scheme and syllabus of MCA, MBA, MTech Programs from 1st to 4th Semesters for the academic year 2022-23

- The scheme and syllabus of MCA program was discussed with mini project and major

project credit distribution by Dean-Academics.

- The different career path for MCA students like Business Analytics Track/Network Security Track/AI Track based on the electives choice was presented and appreciated by the council.
- Dr. Sheelan Mishra, HOD-MBA briefed about the Value added courses in MBA program. The competency assessment tool usage to generate student report enables the student to choose the right value-added courses. The report details the gap and hence the students can skill up in those areas with the offered courses. Dean -Academics suggested the usage of this tool for faculty members to create better skill enhancement amongst faculty members.
- The inclusion of societal projects in MBA and MTech program was much appreciated.
- Expert-I Mr. Manasa Das Gupta suggested the MBA Courses related to Ethics to be taught based on learning from Indian Mythology as carried out in IISc.
- MTech scheme was presented with 80 credit and the mandate to take up NPTEL courses.
- The Dean-Academics presented the scheme and syllabus of MCA, MBA, MTech Programs from 1st and 4th semester and the same was approved by the members of the Academic Council.

AGENDA- 4

Discussion and approval of 1st and 2nd semester syllabus for the academic year 2022-23

- The detailed syllabus of 1st and 2nd semester was presented by Dean Academics.
- The chairperson suggested including the outcome from VC Conclave meet and conducting department level meeting after Sept 15th. ACM meeting to discuss the same in Oct 1st week.
- QASDC suggested to provide faculty development program on NEP implementation.
- Dean-Academics presented the scheme and syllabus of the 1st and 2nd semesters of BE Program (160 credits) and the same was approved by the academic council.

AGENDA- 5

Discussion and approval of equivalent subject for later entry students who will be taking admission to 3rd semester from AY 2022-23 onwards.

- Dean-Academics presented the equivalent subjects for later entry students taking admission in 3rd semester. Zero credit courses were identified to bridge the gap.
- Basic Applied Mathematics-I, Basic Applied Mathematics-II and Communicative English courses were identified and the same was approved by the academic council.

AGENDA- 6

Discussion on syllabus of 3rd & 4th Semester of 160 credits schemes for the BE Programs of AIML, CE, CIV, CSE, ECE, EEE, ISE, ME.

- The detailed syllabus of 3rd and 4th semester was presented by Dean Academics.
- The Open electives offered are well updated, cutting-edge technology-oriented course. Train the trainer model is followed, where in faculty member skill up in the identified industry-oriented courses. The industry partner is included in Board of Studies (BOS) member so the course updating/ratification is done. Lab oriented courses enable students to earn digital badge, technology skill up, placement opportunities.
- Dean-Academics presented the scheme and syllabus of 3rd and 4th semesters of BE Program (160 credits) and the same was approved by the academic council.

AGENDA-7

Discussion and Approval of list of Ability Enhancement Courses for BE Programs.

- Ability Enhancement courses for various BE programs was presented by Dean Academics.
- Academic Council approved the courses identified as Ability Enhancement courses.

AGENDA 8

Discussion on Minor Degree Programmes

- Dean Academics presented the Minor Degree Program execution plan proposal.
- The various minor degree programs, the offering department, permitted departments to enroll, associated industry collaborators were discussed. For example, ISE department would offer Data Science course which can be taken up by students of non circuit

branches like ME/CIV/EEE so that they can make a career in Data Science if interested. MUSigma is the associated industry partner for this program. Students with CGPA above 5 can only enroll for Minor degree program and earn additional 18 credit so that COE can award them the Minor degree.

- Minor degree courses must not overlap with major degree courses. Council and OCE department mandated that the Courses should not be repeated.
- The academic council well appreciated the execution plan and gave its affirmation.

AGENDA- 9

Ratification of SEE pattern for few courses

- Dr. Sheelan Mishra, MBA-HOD briefed the SEE conduction procedure for the courses Entrepreneurship Development -I and Entrepreneurship Development-II. Student must present the idea formulation as ppt format, followed by prototyping and UDAAN (NHCE version of Shark tank) pipeline where the investors can pitch in and can convert the prototype to product. Hence SEE conduction was discussed and approved by the Council for practical /Hands-on Examination.
- In context of the nature of the courses, the Dean of Academics requested approval of the SEE Conduction, the evaluation process as an integrated (Theory & Practical) procedure for the aforementioned courses by respective departments.

20MEE653 (Product Life Cycle Management),

20MMD322 (Machine learning),

20AUT55 (Programming, data structures and algorithms using python) ,

20MEE745A (Machine Learning & Artificial Intelligence) , the same was discussed and approved by the council.

AGENDA - 10

Ratification and approval of BE 8th Semester results

- In 8th semester result, for PG course, 3 top ranks are identified. In UG courses, 10 ranks are identified.
- In NEP scheme, a student scoring F grade needs to apply for SEE in next semester (reusing the same CIE marks scored). A student in NSSR/NSAR list must repeat the

semester.

AGENDA - 11

Discussion / approval of equivalence for the students who are seeking re-admission/rejoining to 3rd semester to 160 scheme from 175 credit scheme.

- Dean-Academics presented the identified courses as Equivalence courses for re-admitting/re-joining students from 175 credit scheme to 160 scheme.
- The equivalence mapping proposed was approved by the Academic council.

AGENDA – 12

Approval of Calendar of events of BE Programs Odd Semester – 3rd, 5th & 7th semesters AY 2022-23.

- The Calendar of Events of BE program Odd Semester – 3rd, 5th and 7th semester AY 2022-23 was presented by Dean-Academics.
- The Summer internship calendar was presented. Soft skill training provided by HRD/ Lifeskill department will constitute the 1st week of internship. Computer skills like MS office expertise should be undertaken by students during 2nd week of internship. 3rd week of internship would be by experiential learning in the department labs.
- Students would be associated with department proctors. The daily diary must be maintained by the student and the week wise report of the 3 components of the internship must be recorded by the students.
- End of 3 weeks, the reports must be submitted to the respective department. No SEE to be conducted in 3rd semester. Department committee to be constituted to evaluate the internship program.
- Expert-I enquired the activity point dates in Calendar of events. Dean-Academics suggested that the AICTE activity point is an ongoing continuous activity throughout the year, hence, it is not separately recorded in the calendar of events.
- Academic Council approved the guidelines for the internship and also recommended the Calendar of events constituted.

AGENDA - 13

Discussion of Graduation List of AY 2021-22.

- Controller of Examination Dr. Vijilius H Raj presented the Graduation list of the various BE disciplines for the AY 2021-2022 . Total registered students and graduation student list was presented.
- Academic Council approved the graduating list. Chairperson discussed the UG graduation day on Oct 15th and PG graduation day on Oct 29th.
- Students from 2year MCA program and 3year MCA program would be graduating on the same day.
- 98 students are identified from various programs to be honored with Meritorious award and council approved the same.

AGENDA - 14

Any other points for discussion with the permission of Chairman.

- Chairperson suggested the 'Best Student of Year Award' based on Academic/Extra curricular/Co-curricular activities. Council approved the same.
- Mr. Manasa Dasgupta suggested that students from all programs must have an understanding on the statistics of the Data generated/usage in various domains. The business model of the data input/generated/managed/used in various domains like Retail, BFS etc must be understood by the students.
- Mr. Manasa Dasgupta suggested the usage of tools like PowerBI, MSBI, Tableau, SAP, Advanced Excel in data analytics. It can be included as a module in Entrepreneurship Development courses as well.
- Chairperson suggested the conduction of next ACM meeting after the VC Conclave Meet. The outcomes of the meet needs to be included in the institution practice. Also , Chairman Dr. Mohan Magnani suggestions on best practices followed in foreign universities should be amalgamated. Hence next ACM meet is suggested to be in Oct 2022.
- Members expressed overall satisfaction at the various agenda discussed during the proceedings.

AGENDA - 15

Forum would be open for further discussion and advice.

Forum was opened for further discussion and all the Department Heads and ACM coordinators gave general suggestions on improving the Teaching Learning process, Evaluation process, Summer Internships.

AGENDA - 16

Vote of Thanks by Member Secretary

The Member secretary expressed her sincere thanks towards all the members for attending the meeting and also for their valuable inputs. The Chairman of the Academic council once again thanked all the members and formally concluded the meeting.

Mayanthu



NEW HORIZON
COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

22nd Academic Council Meeting

17th June, 2022

Minutes of the Meeting

VENUE: Conference Room, Chhatrapathi Shivaji Block

TIME: 02:30 PM



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

Date: 03/06/22

NHCE / ACM / 03rd June /2022

To,

Dr. Mary Cherian,
Prof., Dept. of CSE,
A.I.T. Bangalore

Respected Sir,

Sub: Invitation for the Academic Council Meeting

This is to bring to your kind notice that an Academic Council Meeting is planned on Friday 17th June 2022 in **blended mode** at 2:30 pm onward. Online meeting google link will be sent to you day prior.

We are so much privileged to have your esteemed self as one of the experts from outside the college whose knowledge can guide us in achieving more heights.

Sir, we kindly request you to make it convenient to attend the ACM.

Thanking You

With Warm Regards


DEAN-ACADEMICS



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Autonomous College Permanently affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

Date: 03/06/22

NHCE / ACM / 03rd June /2022

To,

Dr. Shadashive Gowda,
Principal- Vidya Vardhaka College of Engineering,
Mysuru

Respected Sir,

Sub: Invitation for the Academic Council Meeting

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NHCE / ACM / 03rd June /2022

Date: 03/06/22

To,

Dr. Shiviyoginath,
Prof., Dept. of Civil Engineering,
Basaveswara Engineering College,
Bagalkot

Respected Sir,

Sub: Invitation for the Academic Council Meeting

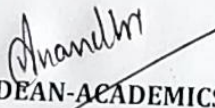
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Date: 03/06/22

NHCE / ACM / 03rd June /2022

To,

All Heads of the Department , (as per attached list)

Respected Sir,

Sub: Invitation for the 21st Academic Council Meeting

This is to bring to your kind notice that an Academic Council Meeting is planned on Friday 17th June 2022 in **blended mode** at 2:30 pm onward. Online meeting google link will be sent to you day prior.

We are so much privileged to have your esteemed self as one of the experts from outside the college whose knowledge can guide us in achieving more heights.

Sir, we kindly request you to make it convenient to attend the ACM.

Thanking You

With Warm Regards


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Date: 03/06/22

NHCE / ACM / 03rd June /2022

To,

Controller of Examination.

Respected Sir,

Sub: Invitation for the 21st Academic Council Meeting

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Sir, we kindly request you to make it convenient to attend the ACM.

Thanking You

With Warm Regards


DEAN-ACADEMICS



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Accredited by NAAC with 'A' Grade, Accredited by NBA

NHCE / ACM / 03rd June /2022

Date: 03/06/22

To,

Teachers of the College(representing different level of teaching staff, as per attached list)

Respected Sir,

Sub: Invitation for the 21st Academic Council Meeting

This is to bring to your kind notice that an Academic Council Meeting is planned on Friday 17th June 2022 in **blended mode** at 2:30 pm onward. Online meeting google link will be sent to you day prior.

We are so much privileged to have your esteemed self as one of the experts from outside the college whose knowledge can guide us in achieving more heights.

Sir, we kindly request you to make it convenient to attend the ACM.

Thanking You

With Warm Regards


DEAN-ACADEMICS

NEW HORIZON COLLEGE OF ENGINEERING
ACADEMIC COUNCIL MEETING –AY 22-23

AGENDA

Date: 17/06/2022

Venue: Conference Hall, Chhatrapathi Shivaji Block/**Blended Mode**

Time: 02.30 pm

AGENDA Points:

AGENDA Points:

1. Welcome address
2. BOS –Approval of BE scheme & syllabus for NEP 160 credits for all the departments.
3. BOS- Approval of BE scheme & syllabus for 175 & 200 credits for all the departments
4. Discussion and approval of Academic Guidelines for all the programs for 160 Credits.
5. Approval of Ability Enhancement Courses for all the programs for 160 Credits.
6. Ratification of mode semester and examination for the course with L:T:P:S :0:000 to be conducted.
7. Updating and approval of VTU regulation governing the Ph.D
8. Discussion and Approval of Minor Degree for the 160 credit batches.
9. Discussion of NPTEL course updates.
10. Any other points for discussion with the permission of the Chairman.

Members of the Academic Council

Sl No.	Category	Sl No.	Name
I	Principal of the College - Chairman	1	Dr. Manjunatha
II	Dean-QASDC	1	Dr. Sanjeev Sharma
III	All Heads of the Dept. - Members	1	Dr. Niranjana P S
		2	Dr. B Rajalakshmi
		3	Dr. Aravinda K
		4	Dr. R. J. Anandhi
		5	Dr. Shridhar Kurse
		6	Dr. Revathi V
		7	Dr. Anusuya Devi V S
		8	Dr. Asha V
		9	Dr. Sheelan Misra
		10	Dr. Srinivasa G
		11	Dr. Mahesh
		12	Dr. Sowmya Narayanan
		13	Dr. Uma Reddy
		14	Dr. Manikandan
IV	Controller of Examination	1	Dr. Vijilius H Raj
V	Teachers of the College representing different level of teaching staff	1	Dr. Nagendra.J, Associate Professor
		2	Dr. Srinath ,Associate Professor
		3	Dr. Piruthiviraj , Associate Professor
		4	Mrs. Swathi ,Sr. Assistant Professor
		5	Dr. Vinoth Kumar, Associate Prof
		6	Dr. Jagadeesh Sr. Assistant. Prof
		7	Mr. Surendra .B Associate Professor
		8	Dr. A R Sainath Professor
		9	Dr. B Meenakshi Sundaram Professor
		10	Ms. Vandana C P Sr. Assistant. Prof
VI	Nominees of University (VTU)	1	Dr. Shadashivegowda, Principal- Vidya Vardhaka College of Engineering, Mysuru
		2	Dr. Shivyoginath, Prof., Dept. of Civil Engineering, Basaveswara Engineering College, Bagalkot
		3	Dr. Mary Cherian, Prof., Dept. of CSE, Dr. A.I.T. Bangalore
VII	Dean Academics - Member Secretary	1	Dr. R. J. Anandhi

Chandho

MINUTES OF THE MEETING

Welcome address by the Chairman of the Academic Council

The Chairman of the Academic Council formally welcomed all the members and informed them that the meeting is being conducted online due to the pandemic situation prevailing in the country and requested the Member Secretary to continue with the proceedings.

AGENDA 1

BOS –Approval of BE scheme & syllabus for NEP 160 credits for all the departments.

- a) Approval of the credit distribution and syllabus of B.E & P.G program of the following branches as recommended by the respective BOS
- Basic Science (Physics, Chemistry, & Mathematics)
 - Automobile Engineering
 - Artificial Intelligence & Machine Learning
 - Computer Engineering
 - Civil Engineering
 - Computer Science and Engineering
 - Electronics and Communication Engineering
 - Electrical and Electronics Engineering
 - Information Science and Engineering
 - Life Skills
 - Mechanical Engineering
 - Management Studies
 - Master of Computer Application

Basic Science (Physics, Chemistry, & Mathematics)

- The Dean-Academics presented the scheme and syllabus for I,II year B.E as per the VTU guidelines **NEP 2020 (160 credits)** and the same was approved by the members of the Academic Council.

AGENDA 2

BOS- Approval of BE scheme & syllabus for 175 & 200 credits for all the departments

Approval of the credit distribution and syllabus of B.E& P.G program of the following branches as recommended by the respective BOS

- Automobile Engineering

- b. Artificial Intelligence & Machine Learning
 - c. Computer Engineering
 - d. Civil Engineering
 - e. Computer Science and Engineering.
 - f. Electronics and Communication Engineering
 - g. Electrical and Electronics Engineering
 - h. Information Science and Engineering
 - i. Mechanical Engineering
- The Dean-Academics presented the scheme and syllabus for 3rd and 4th year across the departments and the same was approved by the members of the Academic Council.

AGENDA-3

Discussion and approval of Academic Guidelines for all the programs for 160 Credits.

- The Dean-Academics presented the VTU Guidelines, scheme and syllabus for 3rd and 4th semester across all departments and the same was discussed with respect NHCE scheme and syllabus, approved by the members of the Academic Council.

AGENDA-4

Approval of Ability Enhancement Courses for all the programs for 160 Credits.

- The Dean of Academics revisited the Ability Enhancement courses (NEP) be included across all the departments based on the Industry needs and students' competence.
- The scheme and syllabus across the departments were approved.

AGENDA-5

Ratification of mode semester and examination for course with L:T:P:S:0:0:0:0 to be conducted.

The Dean-Academics revisited the course structure and credit distribution with respect to the courses Basic Applied Mathematics -1, Communicative English, Basic Applied Mathematics – 2, Physical Education, the same was discussed with HOD-Applied Sciences and HOD-Life Skills.

AGENDA-6

Updating and approval of VTU regulation governing the Ph.D

The Dean-Academics discussed guidelines with respect to VTU Ph.D. and the same was conveyed to faculty and Research students across the college.

AGENDA-7

Discussion and Approval of Minor Degree for the 160 credit batches.

The Dean of Academics presented Minor degree courses proposed across the departments, scheme and syllabus for the same was discussed and approved.

- Department of AI&ML- AI&ML
- Department of AI&ML- Internet of Things(IoT)
- Department of Computer Science &Engineering- Digital Marketing
- Department of Electronics and Communication Engineering- VLSI Design
- Department of Information Science and Engineering – Data Science
- Department of Management Studies- Human Resource Management
- Department of Management Studies- International Business Management
- Department of Mechanical Engineering- Robotics & Automation
- Department of Civil Engineering- Construction Practices & Management
- Department of Electrical & Electronics Engineering- Electric vehicle

AGENDA-8

Discussion of NPTEL course updates

The Dean of Academics suggested the importance of NPTEL Courses across departments and introducing NPTEL as mandatory courses for second-semester students. The same was discussed and approved by HOD-Physics and HOD- Chemistry.

In view of the betterment of Research &Development, faculty were suggested to take up Research related NPTEL Courses.

The forum would be open for further discussion and advice

Members expressed overall satisfaction with the curriculum and the suggestions.

Vote of Thanks by Member Secretary

The Member secretary expressed his sincere thanks to all the members for attending the meeting and also for their valuable input. The Chairman of the Academic council once again thanked all the members and formally concluded the meeting.