



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi

Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi

Recognized under 2(f) & 12B of UGC Act, 1956

Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE & ECE

IQAC

Academics

Feedback

AY:2022-23

**Communications of stakeholders' feedback and its reports to
Visvesvaraya Technological University, Belgaum**

Some of our faculty members are recognized by affiliated university i.e Visvesvaraya Technological University (VTU) Belgaum as a Chairman for Board of Studies (BoS), Member for BoS, and Member for Board of Examination (BoE) and also invited for special tasks related to the revision of curriculum and its implementation. At the time of revision/draft of curriculum in line with the NEP-2020 by affiliated university, asked online feedback from all stakeholders of affiliated colleges. Accordingly we have collected the feedback from all stake holders at the department level and are analyzed and reports are communicated to the concerned authority of the university by mail. Some feedbacks are communicated to the university by letter. The following recognized faculty members are participated in the joint/specific meetings called by the university, which has agenda regarding revision and implementation of curriculum, evaluation reforms etc. The feedback analysis and reports of our college stakeholders and e-mail responses towards the draft curriculum, revision and implementation of curriculum are discussed and also communicated to the university by below said faculty members.

S.N.	Name of the faculty	VTU Recognition	Year
1	Dr.B.V.Madiggond	Chairman, BoS, Electrical & Electronics Engineering	2021-22
		Member, BoS Electrical & Electronics Engineering	2018-19
2	Dr.S.N.Topannavar	Member, BoE, Mechanical Engineering	2021-22
3	Dr.S.B.Akkole	Member, BoE, Electronics & Communication Engineering	2021-22
4	Prof.S.D.Hirekodi	Member, BoE, Electrical & Electronics Engineering	2021-22
5	Prof.M.P.Yenagimath	Member, BoE, Electrical & Electronics Engineering	2022-23
6	Prof. O.B.Heddurshetti	Member, BoE, Electrical & Electronics Engineering	2023-24
7	Shri. S.B.Sarwadi		2022-23

Kindly refer the following enclosures of VTU's letters of recognition and call letters for meetings, communications through e-mails and letters and letters of feedback collected from stakeholders and discussed at department level.


IQAC Coordinator
Hirasugar Institute of Technology
Nidasoshi-591236


PRINCIPAL
Hirasugar Institute of Technology
Nidasoshi-591 236



Visvesvaraya Technological University

EXAMINATION SECTION

Belagavi - 590 018.

Dr. B. E. Rangaswamy Ph.D.

Registrar (Evaluation)

Phone : (0831) 2498136

Fax : (0831) 2405464

Ref. No./VTU/Exam/BOE/2021-2022/

Date : 21/10/2021

To,

ME/MI/MT/MN/MR/ (COMPOSITE) BOARD

Sl. No.	Name of the Chairman/Members	College	C/M
1	Dr. M. S. Govinde Gowda	ATME College of Engg, Mysore	Chairman
2	Dr. Teerthaprasada	VTU Muddenahalli	Member
3	Dr. B. V. Raghavendra	JSSAT, Bangalore	Member
4	Dr. Vishvanath B. M	KIT, Tiptur	Member
5	Dr. N. Sateesh,	Bangalore Inst. Of Tech, Bangalore	Member
6	Dr. M. N. Gururaj	Dayanandsagar Academy of Tech. &Mgt, Bangalore	Member
7	Dr. Nataraj K. M.	RVIT & M, Bangalore	Member
8	Dr. Yateesh Narayan Rao	SJCIT, Chikballapur	Member
9	Dr. ShreeshailKakkeri	SVCE, Bangalore	Member
10	Dr. S. N. Harish	Ghousia College Of Engineering, Ramanagaram	Member
11	Dr. Manjunath	Dr Timmaiah IT, KGF	Member
12	Dr. Vijayaraghavan	Dr Timmaiah IT, KGF	Member
13	Dr. Andhe Pallavi	RNSIT, Bangalore	Member
14	Dr. Devarajaiah R. M.	Acharya Institute of Tech, Bangalore	Member
15	Dr. Basavaraj B. Patil	KLS VJIT, Haliyal	Member
16	Dr. Arun K. V.	Government Engg. College, Haveri	Member
✓ 17	Dr. S. N. Topannavar	HIT, Nidasoshi	Member
18	Prof. Prabhu Dhotarad	Rural Engg. College, Hulkoti	Member
19	Prof. B. C. Kulkarni	Government Engg. College, Hoovinahadagali	Member
20	Dr. Nagaraj Kori	RYMEC, Ballary	Member
21	Dr. Anupkumar Elia	GNDCE, Bidar	Member
22	Dr. M. Prasannakumar	UBDT, Davanagere	Member
23	Dr. Sumana B. G	Government Engg. College, Hasana	Member
24	Dr. K.C. Devendrappa	BIET, Davanagere	Member
25	Dr. Jagannath N.	SJMIT, Chitradurga	Member

Ray 1E

26	Dr. Neelakantha V. Londe	MITTE, Mangalore	Member
27	Prof. Sunil P. Rodrigues	SIT, M'lore	Member
28	Prof. P. Pratap Rai	Mangalore Marine, M,lore	Member
29	Dr. Basawarajappa Y H	PESITM, Shivamogga	Member
30	Dr. V N Gaitonde	KLE University, Hubballi	External
31	Dr. I Shridhar,	SDM, Dharwad	External

Sir,

Sub: Constitution of Board of Examiners – reg.

By the directions of the Honourable Vice-Chancellor, I am pleased to inform you that, you have been appointed as Chairman / Member of Board of Examiners for the year 2021-2022. The First Meeting of Board of Examiners is convened on **Friday 29th & 30th October 2021 at 10.am at VTU Exam Section, Jnana Sangam, Belagavi.**

Please accept this appointment by returning the letter of acceptance and no relation certificate in the enclosed format and attending the meeting is mandatory.

Thanking you,

Yours Sincerely,

Rang *BE*
21/10/2021
Registrar (Evaluation)
[Signature]

Copy FWCS to :

- 1.The Honorable Vice-Chancellor, VTU Belagavi, through Sec., to VC, for information.
- 2.The Registrar, VTU Belagavi, for information.
- 3.The Finance Officer, VTU Belagavi, for information.

Note: Bus arrangements are made from the Bus Stand at 9.00 am & from the Railway Station at 9.15 am.



Invitation to give your Feedback & Suggestions towards the draft VTU 2021 Curriculum for 3rd – 8th Semesters of Mech. Engg. UG Program in line with NEP-2020

1 message

HOD MECH <hod.mech@hsit.ac.in>

Sun, Jan 2, 2022 at 11:25 AM

To: MECH Staff <mech@hsit.ac.in>

Cc: "Dr.S.C.Kamata Principal,HIT, Nidasoshi(Belagavi)" <principal@hsit.ac.in>

Dear Sirs,

With reference to the above cited subject and invitation from Dr.Vadiraj Katti, Chairman, Board of Studies (BoS), Mech. Engg., VTU Belagavi, the feedbacks & suggestions towards draft scheme of study have been categorized into 4 broad categories as below:

- Inclusion of multi disciplinary Skill sets & competencies
- Curriculum Structure & flow
- General Suggestions & feedbacks
- Curriculum content

Hence you are invited to give your valuable feedback & suggestions towards the 2021 scheme of study on or before 5th JAN, 2022, 10:00am and the same will be discussed in the forthcoming HOD Meeting-23 to be conducted to consolidate the feedback & suggestions.

You are informed to attend the HoD Meeting-23 along with your duly signed hard copies of feedback and suggestions.

The consolidated feedback and suggestions will be communicated to the Chairman, BoS, ME, VTU Belagavi for further development of the curriculum.

Please find the attachments of the draft VTU 2021 curriculum for 3rd – 8th Semesters of Mech. Engg. UG Program in line with NEP-2020.

Feel free to contact me for any clarifications and you are requested to participate in all 4 categories.

Thanking you with anticipation.

With Regards...

Dr. S. N. Topannavar M.Tech., Ph.D.

Research & Development and Professor & Head

Mechanical Engineering Department

Hirasugar Institute of Technology

Pin Code: 591236, Karnataka, India

Cell: 9482440235, Mail: hod.mech@hsit.ac.in

Web: www.hsit.ac.in

Phone: +91-8333-278887, Fax: 278886



**HOD
Mechanical Engg.
HIT, Nidasoshi**

2 attachments

consolidated 3-8sem ME scheme.docx
21K

SCHEME 3-8 sem MECH ENGG.docx
79K

Third Semester

Draft Structure of VTU Curriculum in line with NEP 2020

21MAT31	Mathematics Course (Common to all)
21MAT32	Metal casting, Forming and Joining Processes
21ME33	Material Science and Engineering
21ME34	Thermodynamics
21MEL35	Machine Drawing
21INT36	Summer Internship-I
21KSK37	Samskrutika Kannada
21KBK37	Balake Kannada
Or	
21CIP37	Constitution of India & Professional Ethics
21ME38x	Ability Enhancement Course-III
21UH39	Social Connect And Responsibility
Ability Enhancement Courses-III	
21ME381	Introduction to PYTHON
21ME382	Fundamentals of Virtual Reality APP Development
21ME383	Excel for Engineers
21ME384	Sensors and Actuators
21ME385	Tools in Scientific Computing

Fourth Semester

21ME41	Operations Research
21ME42	Machining Science and Jigs & Fixtures
21ME43	Fluid Mechanics
21ME44	Mechanics of Materials
21BE45	Biology For Engineers
21MEL46	Mechanical Measurements and Metrology Lab
21KSK47/21KBK47	Samskrutika Kannada / Balake Kannada
Or	
21CIP47	Constitution of India & Professional Ethics
21ME48X	Ability Enhancement Course- IV
21UH49	Universal Human Values & Professional Ethics
Ability Enhancement Courses-IV	
21ME481	Introduction to AI and ML
21ME482	Economics for Engineers
21ME483	Introduction to Data Analytics
21ME484	Introduction to IOT
21ME485	Introduction to Uncertainty Analysis and Experimentation

Fifth Semester

21ME51	Theory of Machines
21ME52	Thermo-fluids Engineering
21ME53	Computer Integrated Manufacturing
21ME54	Modern Mobility and Automotive Mechanics
21MEL55	Design lab
21XX56	Research Methodology & Intellectual Property Rights
21INT57	Summer Internship-II
21CIV58	Environmental Studies



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Sixth Semester

21ME61	Production and Operations Management
21ME62	Heat Transfer
21ME63	Machine design
21ME64x	Professional Elective Course-I
21ME65x	Open Elective Course-I
21ME66	Computer Aided Modeling and FEA Lab
21ME67	Mini Project
21ME68X	Ability Enhancement Course-V

Ability Enhancement Courses-V

21ME681	Basics of MAT LAB
21ME682	PYTHON for Data science
21ME683	Leadership
21ME684	QC Problem Solving
21ME685	Reverse Engineering



Professional Elective Courses-I		Open Elective Courses-I	
Subject Code	Title	Subject Code	Title
21ME641	Introduction to Project and Finance Management	21ME651	Mechatronics application in Manufacturing
21ME642	Smart Manufacturing	21ME652	Industrial Automation
21ME643	Mechatronic System Design	21ME653	Value Engineering and Life cycle costing
21ME644	Mechanical Vibrations and control	21ME654	Project Management
21ME645	Power Plant Technology	21ME655	Supply Chain Management
21ME646	Theory of Elasticity		

Seventh and Eighth Semester

VII		VIII	
21ME71	Automation and Robotics	21XXS81	Technical Seminar
21ME72X	Professional elective Course-II	21INT82	Research/Industry Internship*
21ME73X	Professional elective Course-III		
21ME74X	Open elective Course-II		
21ME75	Project work		
21ME76X	Ability Enhancement Course -VI (Online)		

Professional Elective Courses-II		Professional Elective Courses-III	
Subject Code	Title	Subject Code	Title
21ME721	Refrigeration and Air conditioning	21ME731	Product Design and Ergonomics
21ME722	Additive Manufacturing	21ME732	Computational Fluid Dynamics
21ME723	Renewable Energy Engg	21ME733	Composite Material Technology
21ME724	MEMS and Microsystem Technology	21ME734	TQM
21ME725	Design for Manufacturing and Assembly	21ME735	Digital Fabrication
21ME726	Theory of Plasticity	21ME736	Theory and Design of IC Engines

Open Elective II		Ability Enhancement course VI	
Subject Code	Title	Subject Code	Title
21ME741	Non-traditional Machining	21ME761	Augment Reality and WEB Design
21ME742	Smart Materials and Intelligent system Design	21ME762	Personal Finance
21ME743	Hydraulics and Pneumatics	21ME763	Python for AI and Development of Project
21ME744	Industrial Safety	21ME764	Basics of Digital Marketing
21ME745	Course on NCC	21ME765	Autonomous Vehicles



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Mech. Engg. Dept.
HOD Meeting
Circular
AY:2021-22

ME/AY-2021-22/HOD/Meeting-Circular/23

Date: 07/01/2022

CIRCULAR OF MEETING-23

All the staff members are hereby informed to attend the meeting in the Seminar hall/HOD chamber on 7th January 2022 at 02:30 PM to discuss the following agenda.

1. Dissemination of BOSCH Trainers Training on "Nation Building Attitude & Behaviors" by Dr.S.N.Topannavar
2. Feedback discussion on VTU 2021 Draft Scheme & Syllabus
3. Extra Classes for 5th and 7th Semester students
4. Make-up & Remedial Classes for 3rd Semester students
5. Mentoring-Counseling-Grievance (Regular & Extended)
6. Revision of CISCs and STTs for the AY:2021-22
7. Ensuring 2nd Dose of Vaccination
8. Revision of Work load & 5th Semester Time Table
9. GATE-2022 Coaching, Soft Skills & Vocational Trainings
10. New Year-2022 Visions & Targets
11. Plan of Action for NBA Compliance Report Submission & Visit
12. CIE rubrics for 2021 1st year EME & I&DT subjects
13. Submission of KSCST project proposals under SPP & FPP schemes
14. Any Other matters with the permission of chair

Circulated to:

S.N.	Staff	Signature
1	Dr. K. M. Akkoli	
2	Prof. D. N. Inamdar	
3	Prof. M.S. Futane	
4	Prof. S.A. Goudadi	
5	Prof. M. M. Shivashimpi	
6	Prof. M.A. Hipparagi	
7	Prof. M.I. Tanodi	
8	Prof. B.M. Dodamani	
9	Sri. V.G.Badiger	
10	Sri.A.B.Sankeshwari	

Dr.S.N.Topannavar

HOD
Mechanical Engg.
HIT, Nidasoshi





ME/AY 2021-22/HOD/Meeting-Proceeding/23

Date: 07/01/2022

PROCEEDINGS OF MEETING-23

A meeting of all staff members has been conducted on 07/01/2022 at 02:30 PM in HOD chamber & Seminar hall and discussed on the following:

1. Dissemination of BOSCH Trainers Training on "Nation Building Attitude & Behaviors" by Dr.S.N.Topannavar
2. Feedback discussion on VTU 2021 Draft Scheme & Syllabus
3. Extra Classes for 5th and 7th Semester students
4. Make-up & Remedial Classes for 3rd Semester students
5. Mentoring-Counseling-Grievance (Regular & Extended)
6. Revision of CISCs and STTs for the AY:2021-22
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11. Plan of Action for NBA Compliance Report Submission & Visit
12. CIE rubrics for 2021 1st year EME & I&DT subjects
13. Submission of KSCST project proposals under SPP & FPP schemes
14. Any Other matters with the permission of chair

All the staff members are discussed thoroughly and collectively on the above said agenda and accepted unanimously for the following proceedings:

S. N.	Proceedings				
1	Dr.S.N.Topannavar disseminated the important content of BOSCH Trainers-Training on "Nation Building Attitude & Behaviors" and collected the takeaways and key learnings/practices to be inculcate from all staff members.				
2	<p>References:</p> <ol style="list-style-type: none"> 1. Invitation from Dr.Vadiraj Katti, Chairman, Board of Studies (BoS), Mechanical Engineering, VTU Belagavi to give feedback and suggestions towards draft 2021 scheme of study for 3rd – 8th semesters of Mechanical Engineering UG program in line with NEP-2020 through whatsapp message and telephonic discussions. 2. Responses from HSIT-Mechanical Engineering Department staff, alumni & students <p>With reference to the above cited Reference No.1, feedbacks & suggestions towards draft scheme of study have been categorized into 4 broad categories as below:</p> <ol style="list-style-type: none"> a. Inclusion of multi-disciplinary Skill sets & competencies b. Curriculum Structure & flow c. General Suggestions & feedbacks d. Curriculum content <p>The HSIT-Mechanical Engineering Department staff are invited to give feedback & suggestions towards 2021 scheme of study and also discussed with alumni and students. Based on the thorough discussions, the feedbacks & suggestions are consolidated as below:</p> <p>a. Inclusion of multi-disciplinary skill sets & competencies:</p> <table border="1"> <thead> <tr> <th>S.N.</th><th>Suggestions & Feedbacks</th></tr> </thead> <tbody> <tr> <td>1</td><td>Draft No.3: Development of smart materials and manufacturing capabilities for</td></tr> </tbody> </table>	S.N.	Suggestions & Feedbacks	1	Draft No.3: Development of smart materials and manufacturing capabilities for
S.N.	Suggestions & Feedbacks				
1	Draft No.3: Development of smart materials and manufacturing capabilities for				



	relevant industries and society at large.
2	Draft No.5: Design & development of green power producing machines and processes with the help of multidisciplinary soft tools and electronic circuit design & coding
3	Draft No.6: Concepts of AR, VR, electronic circuit design & coding and Block chain Technology in realizing & analyzing Mechanical systems
4	New addition: Abilities to analyze and solve complex mechanical engineering problems with the help of multidisciplinary knowledge & skill sets.
5	New addition: Ability to design & development of multidisciplinary ideas, projects & products with the help of multidisciplinary knowledge & skill sets

b. Curriculum Structure & flow:

S.N.	Suggestions & Feedbacks
1	One internship during vacation gap between the semesters 5 th & 6 th or 6 th & 7 th .
2	Internship after completion of study of all courses and declaring graduation after successful internship (Ref: Medical Education)
3	Learning Pattern & flow: 2 nd Year: 80%-IPCC, PCC, BSC & HSMC and 20%-Lab support 3 rd Year: 40%-IPCC, PCC, OE & PE, 30%-AEC of Multidisciplinary and 30%-AEC labs, Projects & Activities 4 th Year: 30%-IPCC, PCC, OE & PE, 20%-AEC of Multidisciplinary, 40%-Idea Incubation, Design & Development of Project (10% sponsored projects from industry) & Product and 10%-Internship
4	Study of theory & supporting labs in the same semester.
5	Inclusion of self-learning curriculum during graduation
6	Space for Bridge courses if situation demands

c. General Suggestions & Feedbacks:

S.N.	Suggestions & Feedbacks
1	Attractive & relevant titles of the courses in the 2021 scheme of study
2	At least one 100% industry collaborative curriculum during pre-final year or final year study.
3	Maths lab to resolve complex engineering problems
4	Inclusion of up to 30% advanced and relevant content in the IPCC and PCC
5	Career centric curriculum with teacher as trainer
6	Facilitating & Establishing industry attached R & D laboratories
7	Competitive rubrics for labs and activities
8	Consideration of Curriculum delivery parameters: Competency, Preparation, Methodology, Completion in time etc.

d. Curriculum Content:

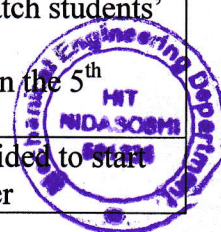
S.N.	Suggestions & Feedbacks
1	Inclusion of relevant & career related content of subjects such as Applied Thermodynamics & Turbo machines & related labs in the 2021 Scheme.
2	Integrating of UHV and HSMC courses
3	Inclusion of multidisciplinary PE courses such as Supply Chain Management, Auidrino Coding, Aerodynamics software (CFD), PLC & SCADA etc.
4	Study of interdisciplinary smart materials and their engineering applications

It is decided to communicate the above consolidated suggestions and feedbacks to the Registrar.





	/Chairman, Board of Studies (BoS), Mechanical Engineering, VTU Belagavi.
3	<p>The syllabus coverage of 5th and 7th semester has been reviewed and decided to cover the lagging syllabus through the extra classes. Hence it also decided to display Extra Class Time Table. All concerned faculty members are informed conduct the extra classes as per the time table.</p> <p>Also decided to start remedial classes for critical subjects after the completion of labs to ensure the best performance in the VTU SEE.</p> <p>All the concerned faculty members are requested to identify the slow learners and absentees and conduct the classes in crash course mode/training mode (More content delivery in less time effectively) with appropriate pedagogy to ensure the best performance in the CIE & VTU SEE.</p> <p>All faculty members are requested to promote the cooperative learning through CISCs.</p> <p>The respective class teachers (Prof.MIT & Prof.MMS-5th Sem and Prof.BMD & Prof.MAH-7th Sem) are informed to monitor the above activity in priority.</p>
4	<p>In view of lateral entry admissions and to bridge the 3rd semester academic gaps, it is decided to start Remedial & Make-up Classes from 20th January, 2022 along with the regular classes.</p> <p>It is also decided to revise the time-table by including Remedial & Make-up classes along with the regular classes.</p> <p>All the concerned faculty members are requested to identify the slow learners and absentees and conduct the classes in crash course mode/training mode (More content delivery in less time effectively) with appropriate pedagogy to ensure the best performance in the CIE & VTU SEE.</p> <p>All the concerned faculty members are informed to conduct respective CIE as per the requirement in consultation with other course coordinators & HOD.</p> <p>All faculty members are requested to promote the cooperative learning through CISCs and any other innovative methods.</p> <p>The respective class teachers (Prof.DNI & Prof.KMA) are informed to monitor the above activity in priority.</p>
5	<p>It is decided to revise the Mentor-Mentee List for the AY: 2021-22.</p> <p>With reference to the previous HOD meetings, the mentoring & counseling has been made 2 categories as below:</p> <ol style="list-style-type: none">1. Regular Mentoring & Counseling: Prescribed formats, Pink booklet and Faculty diary, conducted for the students allocated/listed. The broad parameters are academics and achievements.2. Extended Mentoring: Prescribed format, conducted for the project associates. The broad parameter is to ensure the career of the student. (Part of the "I GOT JOB" Programme) <p>All the mentors are requested to complete the task and ensure the benchmark impact on the students.</p> <p>Prof.B.M.Dodamani has been informed to facilitate and document the extended mentoring process.</p>
6	<p>With reference to the HOD meeting-21, the Steering & Monitoring Committee members are reminded to submit the students STTs to conduct activities and functions on or before 13th January 2022.</p> <p>It decided to revise the CISCs for the AY:2021-22 to promote cooperative learning and all faculty members are informed to promote the cooperative learning and document the interaction details and its impact in the already explained prescribed format.</p>
7	<p>In view of outbreak of new COVID-19 variants, it decided to ensure 2nd dose vaccination for all staff and students. Sri. Arun Sankeshwari has been informed to document the process in the prescribed format with proper authentication.</p>
8	<p>With reference to the 2021 VTU Scheme of study in line with NEP-2020 and parallel batch students' admissions in the 5th semester, it is decided to revise the academic workload.</p> <p>With reference to the HOD meeting-22 and 2015 & 2017 scheme students' admissions in the 5th semester, it is decided to revise the class time-table w.e.f 3rd November 2021.</p>
9	<p>In the view to prepare the students for GATE-2022 and to make industry ready, it is decided to start collaborative GATE coaching, Soft skill trainings and vocational trainings in the summer</p>





vacation/after VTU exams.

Prof.B.M.Dodamani has been informed to schedule the activities in consultation with the students.

- 10 With reference to the Proceedings of HOD Meeting-23 & Principal's NBA Meetings, it is decided to make a Plan of Action for NBA Compliance Report Submission & Visit with effect from 17th January 2022.

- 11 The VTU 2021 Scheme of study in line with NEP-2020 with respect to the mechanical engineering courses and their CIE have been discussed. The following are the CIE rubrics for EME course. The concerned faculty members are informed define the rubrics for CIE, report writing or any other activities.

a) Evaluation of Report Writing & Presentation on Curriculum Concerned Lab Demonstration:

G.N. & Name	Student Group	USN	Report Writing Skills (10 points)	Content Realization & correlation with curriculum content (15 points)	Conclusions & Recommendations with justifications (10 points)	Presentation Skills, Contribution & Team work (10 points)	Viva-Voce (15 points)
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Total points obtained (T) (Max. 60)	Reduced to 20 points/marks $\frac{T}{3}$	Student Signature
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b) Evaluation of Report Writing & Presentation on Curriculum Concerned Visits:

G.N. & Name	Student Group	USN	Report Writing Skills (10 points)	Technology Observation & correlation with curriculum content (10 points)	Conclusions & Recommendations with justifications (10 points)	Presentation Skills, Contribution & Team work (10 points)	Question-Answer & Justification skills(10 points)
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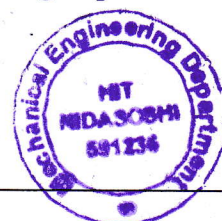
Total points obtained (T) (Max. 50)	Reduced to 5 points/ marks T/10	Student Signature
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c) Lab Demonstration Report Format:

1. Cover Page with basic information (title, Course Coordinator, student group details etc.)
2. Certificate Page with evaluation sheet with proper rubrics
3. Acknowledgement
4. Nomenclature if any
5. List of Tables & Figure if available
6. Introductory Theory as in syllabus
7. Function of the equipment/s with diagrams and important formulations
8. Experimental Results and Critical Observations
9. Results and Discussion
10. Practical Realizations
11. Conclusion
12. Applications

d) Curriculum Concerned Visits Report Format:

1. Cover Page with basic information (title, Course Coordinator, student group details etc.)
2. Certificate Page with evaluation sheet with proper rubrics
3. Acknowledgement
4. Preface if required
5. Abstract
6. Nomenclature if any





	7. List of Tables & Figure if available 8. Introductory Theory as in syllabus 9. Functional Technology of the industry with diagrams and important formulations 10. Structure & Products of the Industry 11. Industry Realizations and Observations 12. Recommendations & Conclusion 13. Applications
10	All the staff members are inspired to set HSIT-MED development New Year-2022 Visions & Targets for the following parameters: a. Students' Academic Performance in SEE, GATE etc b. Extended Mentoring c. Excellency in Students Projects d. Research significant contributions & publications e. Faculty Development Programs f. Activity Coordination g. Any qualitative parameter All are informed to define self-key indicators for further improvements/progress.
11	All the guides are informed to motivate the students to submit the project proposals for KSCST sponsorship under the SPP scheme. The concerned faculty member is informed to submit the project development proposal under FPP scheme. The last date to submit proposal is 13 th January 2022.

The meeting has been concluded with vote of thanks.

We whole heartedly accepted the above proceedings of Meeting-23:

S.N.	Staff	Signature
1	Dr. K. M. Akkoli	
2	Prof. D. N. Inamdar	
3	Prof. M.S. Futane	
4	Prof. S.A. Goudadi	
5	Prof. M. M. Shivashimpi	
6	Prof. M.A. Hipparagi	
7	Prof. M.I. Tanodi	
8	Prof. B.M. Dodamani	
9	Sri. V.G.Badiger	
10	Sri.A.B.Sankeshwari	

Dr.S.N.Topannavar

HOD
Mechanical Engg.
HIT, Nidasoshi





Consolidated Feedback & Suggestions towards the draft VTU 2021 Scheme and Syllabus for 3rd-8th Semesters of Mechanical Engineering UG Program in line with NEP-2020

1 message

HOD MECH <hod.mech@hsit.ac.in>

Sun, Jan 16, 2022 at 1:17 PM

To: MECH Staff <mech@hsit.ac.in>, babasabbag@gmail.com

Cc: "Dr.S.C.Kamate Principal,HIT, Nidasoshi(Belagavi)" <principal@hsit.ac.in>

Dear Sirs,

With reference to the subject, the below information will be communicated to the Chairman, BoS (Mech. Engg. Board), VTU Belagavi and Registrar, VTU Belagavi by e-mail.

Feel free to express your opinion on or before 17th Jan, 2022, 3:30pm.

#Draft e-mail start#

Respected Sirs,

Thanks for giving us an opportunity and it is our pleasure to participate in the curriculum design of 2021 scheme of study for 3rd-8th sem UG Mechanical Engineering.

References:

1. Invitation from Dr.Vadiraj Katti, Chairman, Board of Studies (BoS), Mechanical Engineering, VTU Belagavi to give feedback and suggestions towards draft VTU 2021 scheme of study for 3rd – 8th semesters of Mechanical Engineering UG program in line with NEP-2020 through WhatsApp message and telephonic discussions.
2. Responses from HSIT-Mechanical Engineering Department staff, alumni & students

With reference to the above cited Reference No.1, feedbacks & suggestions towards draft scheme of study have been categorized into 4 broad categories as below:

- a. Inclusion of multi disciplinary Skill sets & competencies
- b. Curriculum Structure & flow
- c. General Suggestions & feedbacks
- d. Curriculum content

The HSIT-Mechanical Engineering Department staff are invited to give feedback & suggestions towards the 2021 scheme of study and also discussed with alumni and students. Based on the thorough discussions in the HOD Meeting-23 conducted on 7th January 2022, the feedbacks & suggestions are consolidated as below:

a. Inclusion of multi disciplinary skill sets & competencies:

S.N.	Suggestions & Feedbacks
1	Draft No.3: Development of smart materials and manufacturing capabilities for relevant industries and society at large.
2	Draft No.5: Design & development of green power producing machines and processes with the help of multidisciplinary soft tools and electronic circuit design & coding
3	Draft No.6: Concepts of AR, VR, electronic circuit design & coding and Block chain Technology in realizing & analyzing Mechanical systems
4	New addition: Abilities to analyze and solve complex mechanical engineering problems with the help of multidisciplinary knowledge & skill sets.
5	New addition: Ability to design & development of multidisciplinary ideas, projects & products with the help of multidisciplinary knowledge & skill sets

b. Curriculum Structure & flow:

S.N.	Suggestions & Feedbacks
1	One internship during vacation gap between the semesters 5 th & 6 th or 6 th & 7 th .
2	Internship after completion of study of all courses and declaring graduation after successful internship (Ref: Medical Education)
3	Learning Pattern & flow: 2 nd Year: 80%-IPCC, PCC,BSC & HSMC and 20%-Lab support



	3 rd Year: 40%-IPCC,PCC, OE & PE, 30%-AEC of Multidisciplinary and 30%-AEC labs, Projects & Activities 4 th Year: 30%-IPCC,PCC, OE & PE, 20%-AEC of Multidisciplinary, 40%-Idea Incubation, Design & Development of Project & Product and 10%-Internship
4	Study of theory & supporting labs in the same semester.
5	Inclusion of self learning curriculum during graduation
6	Space for Bridge courses if situation demands

c. General Suggestions & Feedbacks:

S.N.	Suggestions & Feedbacks
1	Attractive & relevant titles of the courses in the 2021 scheme of study
2	At least one 100% industry collaborative curriculum during pre-final year or final year study.
3	Maths lab to resolve complex engineering problems
4	Inclusion of up to 30% advanced and relevant content in the IPCC and PCC
5	Career centric curriculum with teacher as trainer
6	Facilitating & Establishing industry attached R & D laboratories
7	Competitive rubrics for labs and activities
8	Consideration of Curriculum delivery parameters: Competency, Preparation, Methodology, Completion in time etc.

d. Curriculum Content:

S.N.	Suggestions & Feedbacks
1	Inclusion of relevant content of Applied Thermodynamics & Turbo machines & related lab content in the 2021 Scheme.
2	Integrating of UHV and HSMC courses
3	Inclusion of multidisciplinary PE courses such as Supply Chain Management, Aurdino Coding, Aerodynamics software (CFD), PLC & SCADA etc.
4	Study of interdisciplinary smart materials and their engineering applications

We kindly request you to consider the above suggestions and feedback to design the 2021 scheme curriculum.

With regards:

Dr.S.N.Topannavar

Dean (Research & Development)

Professor & Head, Mech. Engg. Dept.

VTU-BoE Member Mech. Engg. Board (AY:2021-22)

#Draft e-mail ends#

Thanking you with anticipation.

With Regards...

Dr. S. N. Topannavar M.Tech., Ph.D

Dean Research & Development and Professor & Head

Mechanical Engineering Department

Hirasugar Institute of Technology

Pin Code: 591236, Karnataka, India

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(Signature)
HOD
Mechanical Engg.
NIT, Nidasoshi



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Hirasugar Institute of Technology, Nidasoshi

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Mech. Engg. Dept.

HOD Meeting

Agenda & Circular

Even Sem

AY: 2022-23

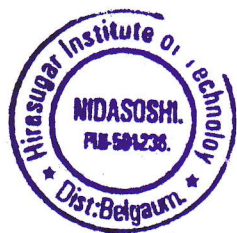
ME/AY-2022-23/HOD/Meeting-Circular/31

Date: 21/02/2023

CIRCULAR OF MEETING-31

All the staff members are hereby informed to attend the meeting in the HOD chamber on 21st February 2023 at 02:00 PM to discuss the following agenda.

1. VTU Curricular Gap Identification & Bridging Actions
2. Dept. Budget: FY 2023-24
3. Industry-4.0/5.0, Education-4.0/5.0 and BITES Implementations
4. Draft 2022-VTU Scheme of Study & Evaluation for 3rd Sem-8th Sem
5. AIMSS Activities: Professional body activities (IEEE/IEI), UHV Programme "Amar Jnana Yogi" etc.
6. Open Elective-A (VI Sem VTU 2018 Scheme of Study)
7. Approval & Audit of PO & PSO attainments-2021-22 passed out batch through Direct & Indirect Methods
8. Remedy for Slow-Learners & Encouragement of Bright students
9. HOD Meeting-30 (Extended): Pending Discussions/Issues
10. Any other matters with the permission of chair



Circulated to:

S.N.	Staff	Signature
1	Dr. K. M. Akkoli	
2	Prof. D. N. Inamdar	
3	Prof. M.S. Futane	
4	Prof. S.A. Goudadi	
5	Dr. M. M. Shivashimpi	
6	Prof. M.A. Hipparagi	
7	Prof. G.M. Zulapi	
8	Sri. V.G. Badiger	
9	Sri. A.B. Sankeshwari	

Dr. S.N. Topannavar

HOD
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HOD Meeting

Proceedings

AY:2022-23

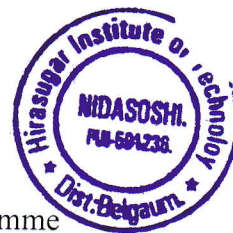
ME/AY 2022-23/HOD/Meeting-Proceeding/31

Date: 21/02/2023

PROCEEDINGS OF MEETING-31

A meeting of all staff members has been conducted on 21/02/2023 at 02:00 PM in HOD chamber and discussed on the following:

1. VTU Curricular Gap Identification & Bridging Actions
2. Dept. Budget: FY 2023-24
3. Industry-4.0/5.0, Education-4.0/5.0 and BITES Implementations
4. Draft 2022-VTU Scheme of Study & Evaluation for 3rd Sem-8th Sem
5. AIMSS Activities: Professional body activities (IEEE/IEI), UHV Programme "Amar Jnana Yogi" etc.
6. Open Elective-A (VI Sem VTU 2018 Scheme of Study)
7. Approval & Audit of PO & PSO attainments-2021-22 passed out batch through Direct & Indirect Methods
8. Remedy for Slow-Learners & Encouragement of Bright students
9. HOD Meeting-30 (Extended): Pending Discussions/Issues
10. Any other matters with the permission of chair



All the staff members are discussed thoroughly and collectively on the above said agenda and accepted unanimously for the following proceedings:

S. N.	Proceedings
1	<p>With reference to the VTU 2018 & 2021 Scheme of Study and Evaluation (SoSE), it is decided to identify the curricular gaps by course coordinator and concerned stakeholders and based on the industry and societal needs, relevancy etc.</p> <p>The following policies have been discussed:</p> <ol style="list-style-type: none"> i) Identification by stream wise course coordinators (Design: Prof.DNI & Prof.SAG, Thermal: Dr.KMA & Dr.MMS and Production & Management: Prof.MSF, Prof.MAH & Prof.GMZ) ii) Identification & suggestions of Bridging Actions by the course coordinator by referring VTU 2018 & 2021 SoSE and in consultation with the students, Alumni, Industry etc. iii) Identification of Minimum 03 and maximum 05 gaps expected in such a way that at least 01 from Industry/Alumni and 01 from student and suggesting possible bridging/remedial actions. iv) Consolidation and concise of course coordinators' gaps by HOD and senior faculty members v) Release of list of bridging actions suggested by the course coordinators vi) Release of Dept. COE, Providing activity space in the class time table and design and conduction of activity through AIMSS vii) Review of process and outcomes by external auditing members and also in DAC viii) Assessment of bridging actions (PO-PSO attainments) and improvement ix) The prescribed format discussed for the process is as below:



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HOD Meeting

Proceedings

AY:2022-23

Gap Identification and Bridging Actions

Stream: Design:

Course Coordinator/s:

S.N.	Gap Identified (Broad domain/Topic in concise manner)	Source (VTU-SoSE 2018/2021 /Industry / Alumni/Student/ General)	Bridging Actions	POs & PSOs with Weightage (1-3)

Signatures of Course Coordinator/s

- 2 With reference to the Principal notice No.: Dated: The Budget and Utilization for the FY: 2022-23 has been discussed and also the Budget for the FY: 2023-24 is discussed thoroughly with all lab in charges and instructors based on the NEP-2020 VTU curriculum and Industry-4.0 requirements and analyzed the available resources. It is decided to procure R & D equipments through external funding agencies and all faculty members are motivated to apply relevant proposals and to initiate collaborative R & D works. It is decided to recommend the following Budget for the FY:2023-24 in the prescribed format to the Principal Office for institute level Budget for FY 2023-24:

Budget for the FY: 2023-24

A	CAPITAL EXPENDITURE*				
Name of the Lab/Library/Sports/Others.	Equipment/Furniture/others to be procured	Qty.	Rate/Unit	Total Amount in Rs.	In charge Sign
Fluid Mechanics Machinery Lab	Pneumatic Kit	01	8000.00	8000.00	Dr.KMA
	Hydraulic Kit	01	8000.00	8000.00	
Foundry & Forging Lab	Permeability Test	01	5000.00	5000.00	Prof.GMZ
Design Lab	Universal Governor	01	10000.00	10000.00	Prof.SAG
	Motorized Gyroscope	01	10000.00	10000.00	
	Rosette Gauge/Strain Gauge	01	12000.00	12000.00	
Metallurgy & Material Testing Lab	Metallurgical Microscope	01	8000.00	8000.00	Prof.MAH
Mech. Measurement & Metrology Lab	Temperature measurement tutor using Thermocouple	01	5000.00	5000.00	
	Strain measurement tutor using Strain Cantilever beam	01	5000.00	5000.00	
	Slip Gauge set 112 Pcs. with Micrometer	01	5000.00	5000.00	
Total in Rs.				76,000.00	

* It is decided to procure all equipments mentioned in the capital expenditure from the Shaik Engg. College, subjected to the required Technical Specifications, year of purchase and working condition etc.

B	CONSUMABLE EXPENDITURE				
Name of the Lab.	Consumables	Qty.	Rate/ Unit	Total Amount in Rs.	In charge Sign
Fluid Mechanics	CMOS, Batteries &	--	--	1000.00	Dr.KMA

Nidasoshi, Taq: Hukkeri, Dist: Belgaum, Karnataka - 591 236

Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, Mail: principal@hsit.ac.in Page 99



Machinery Lab	other				
Energy Conversion Engg. Lab	Diesel and Petrol & other	--	--	2000.00	Dr.MMS
Machine shop Lab	Cutting tools & other	--	--	2000.00	Prof.MAH
Foundry & Forging Lab	Charcoal & M S round bars	--	--	1000.00	Prof.GMZ
Design Lab	Consumables	--	--	1000.00	Prof.SAG
Heat & Mass Transfer Lab	Consumables	--	--	1000.00	Dr.KMA
Metallurgy & Material Testing Lab	Consumables	--	--	1000.00	Prof.MAH
Mech. Measurement & Metrology Lab	Consumables	--	--	1000.00	Prof.MAH
Computer Aided Modelling & analysis / CIM & Automation	Cartage refilling & other	--	--	3500.00	Prof.MSF
Computer Aided M/c Drawing Lab	Cartage refilling & other	--	--	2000.00	Prof.SAG
Research Centre	Consumables	--	--	10000.00	Dr.KMA
Total in Rs.				25,500.00	

C REPAIR & MAINTENANCE EXPENDITURE

Name of the Lab.	Details of Repair and Maintenance	Qty.	Rate/Unit	Total Amount in Rs.	In charge Sign
Fluid Mechanics Machinery Lab	Routine Maintenance	--	--	1000.00	Dr.KMA
Energy Conversion Engg. Lab	Replacements & Repair	--	--	10000.00	Dr.MMS
Machine Shop Lab	Repair	--	--	2000.00	Prof.MAH
Foundry & Forging Lab	Maintenance	--	--	1000.00	Prof.GMZ
Design Lab	Repair and Maintenance	--	--	5000.00	Prof.SAG
Heat & Mass Transfer Lab	Thermo couples & Other	--	--	1000.00	Dr.KMA
Metallurgy & Material Testing Lab	Repair and Maintenance	--	--	5000.00	Prof.MAH
Mech. Measurement & Metrology Lab	Repair and Maintenance	--	--	1000.00	Prof.MAH
Computer Aided Modelling & analysis / CIM & Automation	Split AC	--	--	12500.00	Prof.MSF
Computer Aided M/c Drawing Lab	Split AC	--	--	12500.00	Prof.DNI
Research Centre	Repair & Maintenance	--	--	1000.00	Dr.KMA
Total Rs.				52,000.00	
Grand Total Rs. (A+B+C)				1,53,500.00	

3

With reference to the institutional membership for Board of IT Education Standards (BITES) and



participation in BITES Annual Convention 2022 held at Infosys Campus Mysore during 10th – 11th February 2023 on “ Industry-4.0: Opportunities & Challenges”, the importance of membership and takeaways and commitments of the convention have been discussed and decided the followings:

- i) Participation and complete the free BITES FDPs/Trainings on relevant topics for Teaching-Learning-Evaluation process (BITES Institutional Coordinator: Dr.S.N.Topannavar)
- ii) Motivating students to participate and complete the free BITES Trainings on relevant topics for employment. (BITES Institutional Coordinator: Prof. Pramod Patil & Prof. M.A.Hipparagi)
- iii) Develop and practice Education-4.0/5.0 to cater human resources/students to fulfill the Industry-4.0/5.0 interests.

- 4 With reference to the WhatsApp message from Dr. M S Govinde Gowda, Chairman, BOS (Mechanical Engg. and Allied Branches Board) VTU Belagavi on 15th February 2023 seeking all stakeholders' recommendations with justifications on the draft ME-2022-VTU Scheme of Study & Evaluation for 3rd Sem-8th Sem, our staff has been request through e-mail to involve and participate in the same on the following parameters:

1. Employability and Professionalism
2. Relevancy, Interdisciplinary, Multi and Cross Disciplinary, Competency
3. Industry (Industry-4.0/5.0) and Societal needs
4. Holistic Development by Teaching-Learning-Evaluation (TLE) Methodologies/Pedagogies (Education-4.0/5.0)
5. Inclusivity and Reachability
6. 1st year VTU-2022 Scheme of Study and Evaluation (Implemented)
7. Nature of courses: PCC, ETC, PLC, IPCC, UHV, BSC, ESC etc
8. Types of Teaching-Learning-Evaluation: Activity Based, Application Based, Experiential, Participative, Visits, Internships, Project Works, self-study, Online mode etc.

Each staff members and students community requirements and recommendations with reference to the VTU 2021 Scheme of Study (I-VIII Sems) and VTU 2022 Scheme of Study (I & II Sems) already implemented have been discussed thoroughly and decided to send the consolidated recommendations to design VTU 2022 Scheme of Study (III-VIII Sems.) to the Chairman, VTU BOS (Mech. Engg. Board) by mail for consideration.

The consolidated recommendations are as below:



II Year of Graduation (III & IV Sems.) Logical Recommendations:

The prime objective is to strengthen only Mech. Engg. Fundamentals & Concepts among the students, which helps to excel in the competitive exams.

1. Recommended to include 100% mechanical engineering fundamental subjects & labs in III & IV sems.
2. The regular mathematics subjects are not necessary in the 3rd and 4th semester as at the level of PUC & 1st year of engineering; the PUC students are studied all basic and applied mathematics topics which are required to learn mechanical engineering subjects in higher semesters.
3. The Maths for lateral entry students during III & IV sem with only CIE is recommended
4. With reference to the 2021 Scheme of Study, the inter & intra institutional internship is not required as, there are some issues related to time-space, implementation, infrastructure, certification, student quality at the R&D level and outcomes
5. The recommended IPCCs/PCCs in II year (3/2 basic modules & 2/3 advanced/relevant modules) are: TD-1, MP-1, Machine Drawing, FM, MS, TOM and SOM and supporting laboratories/any



activities.

III Year of Graduation (V & VI Sems.) Logical Recommendations:

The prime objective is to strengthen application oriented Teaching-Learning-Evaluation (TLE) of Mech. Engg. Fundamentals & Concepts which are studied in the II year of study by the students, which helps to understand and analyses the outside world relevancies and applications

1. The recommended IPCCs/PCCs in III year (2/3 basic modules & 3/2 application oriented advanced/relevant modules) are: TD-2, MP-2, MD-1&2 (Machine Design), CE (Control Engineering), HT, Mini Project and supporting laboratories/any activities.
2. Any 3 AECs of 3 credits (Ref.: 2021 Scheme of Study-III, IV & V Sems.) with lab/activity supported. Recommended to revise the AECs and their content.
3. Any 2 PECs/ETCs of 3 credits with lab/activity supports. It is recommended to identify the courses from ETCs mentioned in I year of study, which are not learnt by the Mech. Engg. Students. It is recommended to make new course group from ETCs (2022 Scheme) & PECs (2021 Scheme)

IV Year of Graduation (VII & VIII Sems.) Logical Recommendations:

The prime objective is to make students employable and self-sustain through Training-Learning-Evaluation (TLE)

1. Project work (Phase 1&2), Technical Seminar and 8-12 weeks Internship (Industry/Societal/Entrepreneurship etc.)
2. Any 4 OECs of 3 credits with any teaching department (Ref.: 2021 Scheme of Study) with lab/activity supported. Recommended to revise the OECs and their content.
3. Any 2 PECs/PLCs of 3 credits with lab/activity supports. It is recommended to identify the courses from PLCs mentioned in I year of study, which are not learnt by the Mech. Engg. Students. It is recommended to make new course group from PLCs (2022 Scheme) & PECs (2021 Scheme)



- 5 In view to promote participative learning, to get approval for OBE of AY:2021-22 and to promote lateral entry admissions, it decided to organize the following AIMSS Activities:

- i) IEEE/IEI Professional body activity
- ii) UHV Programme "Amar Jnana Yogi" on Shatamanada Sant Shri. Shiddeshwar Mahaswamiji
- iii) Academic Audit: 2021-22 by internal and external members
- iv) Get together function for Polytechnic staff (ME,MTT, Auto) & HSIT Office Staff

The General Activity Organizing Staff and Student committee to conduct above activities and in future activities has been constituted as below:

Staff & Student Coordinators & Team	Responsibility
Prof. D.N.Inamdar & Prof. M.A.Hipparagi And Expertise based Support: Instructors and Peons (Non-Teaching Staff) And Students Special Task Teams (STTs)/Activity	<ul style="list-style-type: none"> ➤ Programming ➤ Guest Affairs ➤ Publicity ➤ Entertainment ➤ Any special task assigned by higher authority



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Mech. Engg. Dept.

HOD Meeting

Proceedings

AY:2022-23

Coordination Teams (ACTs) formed by Staff coordinators based on the nature of activity/program

Dr.M.M.Shivasimpi and HOD

And

Exptery based Support: Instructors and Peons (Non-Teaching Staff)

And

Students Special Task Teams (STTs)/Activity

Coordination Teams (ACTs) formed by Staff

coordinators based on the nature of activity/program

- Finance & Approvals-Settlements
- Activity Brochure (AB) & Activity Report (AR)
- Feedback
- Any special task assigned by higher authority

Prof.M.S.Futane & Prof. S.A.Goudadi

And

Exptery based Support: Instructors and Peons (Non-Teaching Staff)

And

Students Special Task Teams (STTs)/Activity

Coordination Teams (ACTs) formed by Staff

coordinators based on the nature of activity/program

- Stage Decoration & Displays (inside & Outside)
- Seating Arrangements
- Sound & Light Arrangements
- Any special task assigned by higher authority

Dr.K.M.Akkoli & Prof. G.M.Zulupi

And

Exptery based Support: Instructors and Peons (Non-Teaching Staff)

And

Students Special Task Teams (STTs)/Activity

Coordination Teams (ACTs) formed by Staff

coordinators based on the nature of activity/program

- Invitation
- Refreshment & Catering
- Photo & Video
- Attendance
- Any special task assigned by higher authority

Note: The Staff Coordinators, STTs/ACTs are informed to follow the policy of cyclic process/Agile Method "Plan-Design-Notify-Coordinate & Conduct-Document" (P-D-N-C-D) the activities

6 In view to prepare the list of students (ME and Other Depts.) offering Open Elective-A (VI Sem VTU 2018 Scheme of Study), the following parameters are discussed:

- i) The expert faculty members
- ii) Relevancy and Emerging areas
- iii) Employment and Industry
- iv) Student Awareness Programme
- v) Faculty mentor for OE-A options



It is decided to conduct "OE-A Awareness Programme" on OE-A courses offered/recommended by EE, CS, EC & CE Depts. for V sem MED students by HOD and Faculty mentor on suitable date based on their VTU-SEE.

7 In view to enhance and enrich the attainment levels of POs & PSOs through direct and indirect methods, it is decided to discuss the attainment levels of 2021-22 passed out batch in the DAC and also decided to audit by internal and external members.

Hence all the faculty members are informed to submit the FCAR at the earliest possible

8 In view to enhance the Academic Performance Index (API) of students in the CIE & VTU-SEE, the categorization of the students have been discussed and following decisions have been taken:

- i) Identification of the Slow-learner in the respective course well in advance
- ii) Conducting remedial/make-up/tutorial/crash classes and module tests



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AY:2022-23

- iii) Rigorous & one-to-one mentoring & counseling and using CISCs
- iv) Assessment of improvement regularly till to ensure best performance in VTU-SEE
- v) Identification of Bright-Students based on the CIE/SEE marks and encouraging them by awards and rewards
- vi) Mentoring for competitive exams and employment

Prof.MSF and Dr.MMS are informed to support the above said decisions.

III Semester academics has been reviewed. The concerned faculty members are informed to adopt the crash course teaching-learning-evaluation method and slow learner and long absentee centric method to perform in the CIE and VTU-SEE.

9 The pending and incomplete following agenda/issues are discussed:

The admission goals for the AY: 2023-24 are revised as:

"Mission 50+ (III Sem) & Mission 25+ (I Sem)"

The strategies are discussed:

- i) Get-to-Gather function to SJPN Polytechnic staff members
- ii) Project Exhibitions and Technical events at HSIT
- iii) D-CET & CET in-house coaching
- iv) Current students mouth publicity policies
- v) Adaptation of nearby polytechnics
- vi) HSIT-Mech-Staff Participation in polytechnics and PUC college events
- vii) Telephonic/Physical mentoring-counseling-grievance resolving-welfare for students and parentsetc.
- viii) Branding of Dept & institute in social media by staff and students
- ix) Remedial classes for diploma backlog students
- x) Career Guidance for Diploma and PUC students
- xi) Any innovative & outcome based policy /strategy to achieve Missions

Dr.K.M.Akkoli has been informed to frame Dept. Research & Development Policies and Targets and facilitate to make 2 New-MoUs during the AY:2022-23

The meeting has been concluded with vote of thanks.

We whole heartedly accepted the above proceedings of Meeting-31:

S.N.	Staff	Signature
1	Dr. K. M. Akkoli	
2	Prof. D. N. Inamdar	
3	Prof. M.S. Futane	
4	Prof. S.A. Goudadi	
5	Dr. M. M. Shivashimpi	
6	Prof. M.A. Hipparagi	
7	Prof. G.M.Zulapi	
8	Sri. V.G.Badiger	
9	Sri.A.B.Sankeshwari	



Dr.S.N.Topannavar

HOD

Mechanical Engg.

HIT, Nidasoshi



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

ವಿಶ್ವವಿದ್ಯಾಲಯ ೧೯೯೪ ರ ಅಧಿನಿಯಮ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

State University of Government of Karnataka Established as per the VTU Act, 1994 "Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. Dr. B. E. Rangaswamy, Ph.D

REGISTRAR

Phone: (0831) 2498100

Fax: (0831) 2405467

REF: VTU/BGM/Aca/BoS/2023/ 7391

DATE: 20 MAR 2023

CIRCULAR

Subject: Feedback on Draft 3-8 semesters Scheme of Teaching and Examination (2022) regarding...

Reference: JBOS 10.02.2023 and 171st EC meeting Proceeding no. 2.2.1 dated: 23.02.2023

As discussed in the Joint Board of Studies and approved in the Executive Council meeting, the draft 3- to -8 semesters scheme of Teaching and Examinations has been submitted by the various boards of Studies of VTU Belagavi. Draft Schemes are uploaded on the university web portal for stakeholders' information and reference @ <https://vtu.ac.in/en/b-e-scheme-syllabus/>

All the stakeholders are requested to refer to the scheme (2022) and provide their **FEEDBACK on or before Friday 31st of March 2023.**

Please Note: Few Boards of Studies still have to submit the scheme, these schemes will be uploaded by 25th March 2023.



Feedback Submitted to the mentioned email ID
[Signature]
Sd/-
Registrar

1. All the Principals of the Constituent Autonomous and Affiliated Colleges of Engineering under the ambit of the University

Copy to

1. To the Hon'ble Vice-Chancellor through the secretary to VC for information
2. The Registrar (Evaluation) for information

B

3. The Director (I/c) ITI SMU VTU Belagavi for information and make arrangements to upload it on the VTU web portal.
4. The chairpersons of the Board of Studies of VTU Belagavi for information
5. Office Copy

For 20/03/23 DE
REGISTRAR
M.



The prime objective is to make students employable and self-sustain through Training-Learning-Evaluation (TLE)

1. Project work (Phase 1&2), Technical Seminar and 8-12 weeks Internship (Industry/Societal/Entrepreneurship etc.)
2. Any 4 OECs of 3 credits with any teaching department (Ref.: 2021 Scheme of Study) with lab/activity supported. Recommended to revise the OECs and their content.
3. Any 2 PECs/PLCs of 3 credits with lab/activity supports. It is recommended to identify the courses from PLCs mentioned in 1 year of study, which are not learnt by the Mech. Engg. Students. It is recommended to make new course group from PLCs (2022 Scheme) & PECs (2021 Scheme)

I kindly request you to accept, acknowledge and consider the above recommendations while designing the VTU 2022 Scheme of Study (III-VIII Sems.).

I hope you will do the needful.

With warm regards

Dr.S.N.Topannavar

Professor & Head, Mech. Engg. Dept.

Hirasugar Institute of Technology

At/Post:NIDASOSHI, PIN:591 236

Tal:Hukkeri, Dist:Belagavi, State:Karnataka, INDIA

Mobile: 9482440235





HOD MECH <hod.mech@hsit.ac.in>

Kindly express your opinion with justification towards Draft Consolidated Recommendations for Draft VTU 2022 Scheme of Study (III-VIII Sems.) to be send to Chairman BOS by mail on or before 4th March 2023, 11:00 am

2 messages

HOD MECH <hod.mech@hsit.ac.in>

Fri, Mar 3, 2023 at 11:30 AM

To: MECH Staff <mech@hsit.ac.in>

Cc: "Dr.S.C.Kamate Principal,HIT, Nidasoshi(Belagavi)" <principal@hsit.ac.in>

Dear Sirs,

Ref:e-mail on 19th Feb. 2023 and HOD Meeting-31, dated:21st Feb. 2023

Each staff members and students community requirements and recommendations with reference to the VTU 2021 Scheme of Study (I-VIII Sems) and VTU 2022 Scheme of Study (I & II Sems) already implemented have been discussed thoroughly and decided to send below consolidated recommendations to design VTU 2022 Scheme of Study (III-VIII Sems.) to the Chairman, VTU BOS (Mech. Engg. Board) by mail for consideration.

The consolidated recommendations are as below:

II Year of Graduation (III & IV Sems.) Logical Recommendations:

The prime objective is to strengthen only Mech. Engg. Fundamentals & Concepts among the students, which helps to excel in the competitive exams.

1. Recommended to include 100% mechanical engineering fundamental subjects & labs in III & IV sems.
2. The regular mathematics subjects are not necessary in the 3rd and 4th semester as at the level of PUC & 1st year of engineering; the PUC students are studied all basic and applied mathematics topics which are required to learn mechanical engineering subjects in higher semesters.
3. The Maths for lateral entry students during III & IV sem with only CIE is recommended
4. With reference to the 2021 Scheme of Study, the inter & intra institutional internship is not required as, there are some issues related to time-space, implementation, infrastructure, certification, student quality at the R&D level and outcomes
5. The recommended IPCCs/PCCs in II year (3 basic modules & 2 advanced/relevant modules) are: TD-1, MP-1, Machine Drawing, FM, MS, TOM and SOM and supporting laboratories/any activities.

III Year of Graduation (V & VI Sems.) Logical Recommendations:

The prime objective is to strengthen application oriented Teaching-Learning-Evaluation (TLE) of Mech. Engg. Fundamentals & Concepts which are studied in the II year of study by the students, which helps to understand and analyses the outside world relevancies and applications

1. The recommended IPCCs/PCCs in III year (2 basic modules & 3 application oriented advanced/relevant modules) are: TD-2, MP-2, MD-1&2 (Machine Design), CE (Control Engineering), Mini Project and supporting laboratories/any activities.
2. Any 3 AECs of 3 credits (Ref.: 2021 Scheme of Study-III, IV & V Sems.) with lab/activity supported. Recommended to revise the AECs and their content.
3. Any 2 PECs/ETCs of 3 credits with lab/activity supports. It is recommended to identify the courses from ETCs mentioned in I year of study, which are not learnt by the Mech. Engg.





HOD MECH <hod.mech@hsit.ac.in>

Just for information-Fwd: Kind request to involve and participate to frame and design VTU 2022 Scheme of Study and Evaluation for 3rd sem-8th sem

1 message

HOD MECH <hod.mech@hsit.ac.in>

To: Govinde Gowda Sir <msggowda1964@gmail.com>

Sun, Feb 19, 2023 at 10:01 AM

Respected Chairman sir,

Thank you for inviting us to participate to design VTU-2022 Scheme of Study and Evaluation through WhatsApp message and its our pleasure to involve in such student centric and outcome based task/paradigm shift. The recommendations of our interactions/HOD meeting-31 will be send you soon for consideration.

Thanking You,

Yours faithfully,

-Dr.SN.Topannavar

Professor & Head

Mech. Engg. Dept.

Hirasugar Institute of Technology, Nidasosli



----- Forwarded message -----

From: HOD MECH <hod.mech@hsit.ac.in>

Date: Sun, 19 Feb 2023, 9:46 am

Subject: Kind request to involve and participate to frame and design VTU 2022 Scheme of Study and Evaluation for 3rd sem-8th sem

To: MECH Staff <mtech@hsit.ac.in>

Cc: Dr.S.C.Kamat Principal,HIT, Nidasosli(Belagavi) <principal@hsit.ac.in>

Dear Sirs,

The following is the WhatsApp Message from Dr. M S Govinde Gowda

Chairman, BOS (Mechanical Engg. and Allied branches Board) VTU Belagavi on 15th February 2023.

"Dear members, I am hereby forwarding the scheme format for 22 scheme sent by VTU. Its our important responsibility that, we need to discuss with teachers and decide about the appropriate subjects for 3rd to 8th semester. Instead of blaming later on for the lapses, time has come for every one of you to act and justify your recommendations. Your valuable proposals will be taken and hence I request you to mail the same to the email given below on or before 24-2-2023.

Dr. M S Govinde Gowda**Chairman, BOS****Email: msggowda1964@gmail.com"**

From Dr.S.N.Topannavar, HOD

Dear Sirs,

With reference to the above BOS Chairman's message, you are requested to think on this matter based on the following parameters:

1. Employability and Professionalism
2. Relevancy, Interdisciplinary, Multy and Cross Disciplinary *competency*
3. Industry (Industry-4.0/5.0) and Societal needs
4. Holistic Development by Teaching-Learning-Evaluation (TLE) Methodologies/Pedagogies (Education-4.0/5.0)
5. Inclusivity and Reachability
6. 1st year VTU-2022 Scheme of Study and Evaluation (Implemented)
7. Nature of courses: PCC, ETC, PLC, IPCC, UHV, BSC, ESC etc
8. Types of Teaching-Learning-Evaluation: Activity Based, Application Based, Experiential, Participative, Visits, Internships, Project Works, self study, Online mode etc.

Please find the attachment of the draft structure of the VTU 2022 Scheme of Study, which was sent by BOS Chairman Sir.



2/18/23, 11:34 PM

Hirasagar Institute of Technology Mail - Just for information-Fwd: Kind request to involve and participate to frame and design...

Kindly list your suggestions/findings/recommendations with justifications and attend the HOD Meeting-31 to be conducted on 21st Feb.2023.

The consolidated suggestions/recomodations will be send to the BOS Chairman after the HOD Meeting-31.

I request your participation and involvement to design best student centric, industry driven and societal driven curriculum.

I hope you will initiate and complete the task at the earliest possible.

Thanking you,



Draft Structure 02, Scheme 2022 3-8 sem V5 (Final).pdf
337K



Date: 15-11-2022

From,

Dr. S. L. Patil
Assistant Professor
Department of Mathematics
Hirasugar Institute of Technology
Nidasoshi- 591236
Dist: Belagavi

To,

The Registrar
Jnana Sangam
Visvesvaraya Technological University
Belagavi

Subject: Request regarding frame common Engineering Mathematics syllabus for all the branches of 1st & 2nd semester 2022 Scheme.

Ref: Tentative 1st & 2nd semesters 2022 Scheme (stream - wise) dated 7th November 2022.

Respected Sir,

With reference to the above cited subject, we request you to keep the Engineering Mathematics syllabus common for all branches of 1st & 2nd semester 2022-23. All the students require fundamental knowledge of applied Mathematics to understand the core subjects. The contents of the present 2022 scheme branch wise will deprive the students to learn the complete knowledge of Engineering Mathematics.

The students are not able to acquire basic knowledge of engineering Mathematics from present 2022 scheme because, engineering Mathematics syllabus is not same for all branches. All the previous schemes i.e. 2010, 2014, 2015, 2017, 2018 & 2021 are having common engineering Mathematics syllabus for all braches.

The concept of basic and application of calculus, differential equations, series expansion, linear algebra, integral calculus, partial differential equations, vector calculus, numerical methods, numerical integration are important and need for all engineering students.

Kindly we request you to frame the Engineering Mathematics syllabus common for all the branches of 1st & 2nd semester 2022-23. We hope you will consider our request.

Thanking You

Yours Sincerely


(S. L. Patil)



Date: 15-11-2022

From,

Prof. V. M. Bhumannavar
Assistant Professor
Department of Physics
Hirasugar Institute of Technology
Nidasoshi- 591236
Dist: Belagavi

To,

The Registrar
Jnana Sangam
Visvesvaraya Technological University
Belagavi

Subject: Request regarding frame common Engineering Physics syllabus for all the branches of 1st & 2nd semester 2022 Scheme.

Ref: Tentative 1st & 2nd semesters 2022 Scheme (stream – wise) dated 7th November 2022.

Respected Sir,

With reference to the above cited subject, we request you to keep the Engineering Physics syllabus common for all branches of 1st & 2nd semester 2022-23. All the students require basic knowledge of applied physics to understand core subjects of their respective engineering branches. The contents of the present 2022 scheme branch wise will deprive the students to learn the complete knowledge of Engineering physics.

The students are not able to acquire basic knowledge of engineering physics from present 2022 scheme because, engineering physics syllabus is not same for all branches. All the previous schemes i.e, 2010, 2014, 2015, 2017, 2018 & 2021 are having common engineering physics syllabus for all branches.

The concept of basic and application of oscillations and shock waves, elasticity, electrical properties of solids, lasers and optical fibers, semiconductor and devices, material characterization and instrumentation techniques, cryogenics, quantum mechanics are important and need for all engineering students.

Kindly we request you to frame the Engineering Physics syllabus common for all the branches for 1st & 2nd semester 2022-23. We hope you will consider our request.

Thanking You

Yours Sincerely


(V. M. Bhumannavar)





SIPN Trust's

Hirasugar Institute of Technology, Nidasoshi.*Inculcating Values, Promoting Prosperity*

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Recognized under 2(f) & 12B of UGC Act, 1956
Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE & ECE

CS Engg. Dept

22 Scheme Syllabus

Feedback

2022-23
(ODD-Sem)

Ref. No: HSIT/CSE/Feedback/39/2022-23

Date: 15.11.2022

To,
The Registrar,
VTU, Belagavi.

Sub.: Feedback on 22 Scheme first year Syllabus.

Ref.:VTU/BGM/BOS/A9/2021-22/3930

Dear Sir,

With respect to above cited subject, we have received the draft copy of 22 scheme syllabus for first year and after the discussion with all the faculty members of CSE department, we wish to submit following suggestions as given below:

1. The basic knowledge of all the Engineering disciplines should be given to first year students to address the real time problems that requires multidisciplinary approach, hence, the basic Engineering Science Courses should not be offered as electives at the first year level.
2. The 'Principles of Programming using C' in Physics Cycle and 'Introduction to Python Programming' OR 'Basics of Java Programming' in Chemistry Cycle for all branch students be made mandatory instead optional.

Hence, we request you to consider above suggestions in the final draft of 22 Scheme syllabus of first year.

Thanking you,

Your's faith fully,

H.O.D**Computer Science & Engg.**
HIT, Nidasoshi

Date: 15-11-2022

From,

Dr. M.S. Hanagadakar

Associate Professor

Dr. S. J. Walki

Assistant Professor

Department of Engg. Chemistry

Hirasugar Institute of Technology, Nidasoshi

To,

The Registrar,

Jnana Sangama,

VTU, Belagavi



Subject: Request regarding to consider Common Engg. Chemistry course Syllabus for all the Engineering Branches.

Respected Sir,

Chemistry is the branch of science that deals with the study of composition and properties of matter. So chemistry is relevant to every walk of life. Chemistry is needed everywhere in life. Without a chemical reaction there is no single moment in life. Chemistry plays an important role in engineering. Chemistry is the basic sciences learnt by a student in school and Intermediate courses. Engineering students must have basic understanding of this subject. Syllabus of Chemistry in engineering stream extends the knowledge acquired at Intermediate level. The subject is offered as 'Engineering Chemistry' for the students in their first year of engineering and it is common for all the branches of engineering. Here Engineering chemistry forms a bridge between basic sciences and engineering subjects. Engineering courses like Civil Engg., EEE, ME, ECE, CSE and IT need the basics of chemistry directly or indirectly.

The concept of basics and application in Corrosion Science and its control, Metal finishing, Polymers and composites, Energy Sources like -Chemical fuels, green fuels, Fuel cells, Solar energy etc., Water Chemistry, Phase rule, Nanomaterials, Energy conversion and

Storage devices, Environmental chemistry and Waste Management, Analytical techniques are important and need of hours for all the Engineering Streams.

Hence we request you to consider and frame common Engg. Chemistry Syllabus for all the Engineering Branches in above topics by considering basics, applications and present applicable trends for advanced technologies.

Thanking you,

Your' faithfully,



(Dr. S. J. Walki)



(Dr. M.S. Hanagadakar)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
("ಎ ಟಿ ಯು" ಅಧಿನಿಯಮ ೧೯೯೪)ರ ಅಡಿಯಲ್ಲಿ, ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama", Belagavi - 590 018, Karnataka State

Prof. A. S. Deshpande, B.E (Mech.), M.E., Ph.D.

Registrar

Phone : (0831)2405468

Fax: (0831)2405467

Ref. No. VTU/PS/2022-23/1438/6

Date: 13-06-2022

NOTIFICATION

Sub: Constitution of Board of Studies (BoS) in Electrical & Electronics Engineering (EEE) for 2022-25

Ref: Hon'ble Vice Chancellor's order dt: 03-06-2022.

The Board of Studies in Electrical and Electronics Engineering of Visvesvaraya Technological University, for the period 2022-2025, has been constituted as under:

1.	Dr. Basavaraj V. Madiggonda, Professor & Head, Dept. of E&EE, S J P N Trust's Hirasugar Institute of Technology, Nidasoshi - 591 238, Hukkeri Tq., Belagavi Dist.	Chairman
2.	Dr. K. S. Aprameya, Professor, Dept. of E&EE, UBDT College of Engineering, Davangere-577 004.	Member
3.	Dr. T. G. Manjunath, Professor & Head, Dept. of E&EE, Sai Vidya Institute of Technology, Rayankunte, Doddaballapur Road, Bengaluru - 560 064.	Member
4.	Dr. Neel Shetty, Professor & Head, Dept. of E&EE, Guru Nanak Dev Engineering College, Mailoor Road, Bidar-585403.	Member
5.	Dr. Sumathi S., Professor & Head, Dept. of E&EE, RNS Institute of Technology, Channasandra, Subramanyapura Post, Bengaluru - 560 061	Member
6.	Dr. Vinoda S., Professor, Dept. of E&EE, KLE Institute of Technology, Gokul Road, Near Air Port, Hubballi - 580 030	Member
7.	Dr. Tukaram Moger, Asst. Professor, Dept. of E&EE, National Institute of Technology Karnataka (NITK), NH66, Srinivasnagar, Surathkal - 575025, Mangalore	Member
8.	Dr. Kumarswamy B G, Professor, Dept. of E&EE, S J M Institute of Technology, Chitradurga - 577 502	Member
9.	Dr. Milind Dattatreya Bagewadi, Rtd. Scientist 'F', DRDO, Adjunct Faculty, Dept. of E&EE, College of Engineering, Shivajinagar, Pune - 411 005, Maharashtra	Member Industry
10.	Dr. Jayaprakash Sabarad, Engineering Technical Leader, Weblech India Industrial Pvt. Ltd, Bangalore	Member Industry

The Undergraduate Programmes of the Constituent and all the Affiliated Colleges of VTU, are covered under this BoS.

This Board of Studies replaces the existing Board of Studies and functions until further orders. The Chairman and Members of Board of Studies are requested to accept their nomination.

By orders

REGISTRAR

To: The Chairman/ Members of the concerned BoS.

Copy for information to:

1. The Hon'ble Vice Chancellor, through the Secretary to V.C., VTU, Belagavi.
2. Special Officer, Academic Section, VTU, Belagavi, looking after the BoS activities.



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವವಿದ್ಯಾರಣ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

Phone : (0831) 2405468
Fax : (0831) 2405467
Email : registrar@vtu.ac.in
website : www.vtu.ac.in

Prof. A. S. Deshpande, B.E(Mech), M.Tech., Ph.D.
Registrar

Ref. No.: VTU/PS/2019-20/ 2886

Date: 26 JUL 2019

NOTIFICATION

Sub: Constitution of Board of Studies in Electrical & Electronics Engineering (EEE).
Ref: Hon'ble Vice Chancellor order dated 23.07.2019

The Board of Studies in Electrical & Electronics Engineering (EEE) of Visvesvaraya Technological University, for the period 2019-2022, has been constituted as under.

1.	Dr. H. R. Sudarshan Reddy, Professor, Dept. of Electrical & Electronics Engg., UBDT Engineering College, Davangere - 577 004.	... Chairman	6.	Dr. Netravati U. M. Professor, Dept. of Electrical & Electronics Engg., Rao Bahadur Y. Mahabaleswarappa Engg. College, Cantonment, Bellary - 583 104.	... Member
2.	Dr. G. H. Kulkarni Professor & Head, Dept. of Electrical & Electronics Engg., Jain College of Engineering, 599/2, T.S. Nagar, Hunchanatti Road, Machche, Belagavi - 590 014.	... Member	7.	Dr. Basavaraj V. Madiggonda Professor & Head, Dept. of Electrical & Electronics Engg., Hirasagar Institute of Technology, Nidasoshi - 591 236, Hukkeri Tq. Belagavi Dist	... Member
3.	Dr. R. Prakash Professor & Head, Dept. of Electrical & Electronics Engg., Acharya Institute of Technology, Dr. Sarvapalli Radha Krishna Marg, Soldevanahalli, Hesara gatta Road, Bengaluru - 560 107.	... Member	8.	Dr. B. R. Natarajan Professor, Dept. of Electrical & Electronics Engg., K.S. School of Engg. & Mgt., No.15, Mallasandra, Off Kanakapura Road, Bengaluru - 560 062.	... Member
4.	Dr. Manjunath K. Professor & Head, Dept. of Electrical & Electronics Engg., S.D.M. Institute of Technology, Dharmasthala Main Road, Ujire - 574 240, Dakshina Kannada.	... Member	9.	Dr. Rakesh Babu Panguluri, Texas Instruments India Pvt. Ltd., Bagmane Tech Park No. 663, Adjacent to LRDE Byrasandra, C V Raman Nagar Post, Bengaluru - 560 093.	... Member
5.	Dr. Surekha Manoj Professor & Head, Dept. of Electrical & Electronics Engg., Vidya Vikas Institute of Engg. & Tech., Alanahalli Post, Mysuru-Bannur Road, Mysuru - 570 028.	... Member			

This Board of Studies replaces the existing Board of Studies and functions till further orders. The Chairman and Members of Board of Studies are requested to accept their nomination.

By orders

26.7.2019
REGISTRAR

To,

The Chairman/Members of the concerned BOS.

Copy to,

1. The Hon'ble Vice Chancellor, through the Secretary to V.C., Belagavi.
2. The Special Officer, Academic Section, looking after the BOS activities.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ವಿಶ್ವವಿದ್ಯಾಲಯದ ೧೯೯೪ ರ ಅಕ್ಟೋಬರ್ ೨೭ರಂದು ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"JnanaSangama" Belagavi-590018, Karnataka, India



Prof. Dr. B. E. Rangaswamy, Ph.D.
REGISTRAR(I/C)

Phone: (0831) 2498100
Fax: (0831) 2405467

REF: VTU/BGM/ACA/2022-23/4395

DATE: 24 NOV 2022

CIRCULAR

Subject: Updated (corrected) Scheme and Syllabus for the 2022 scheme of UG programs
Reference: As per discussions made in the principals' meet @ Bengaluru held on 17.11.2022

As discussed in the principals' meet @ Bengaluru held on 17.11.2022, the following updates/corrections are made in the scheme and syllabus of 2022 scheme:

- Each of the basic science courses viz., Physics, Chemistry and Mathematics should be taught by a single concerned basic science department faculty member per class (No sharing of a course (subject) for a given class module-wise by the different faculty members of the same Dept.)
- There is no SEE for the practical component of the Integrated Courses; however, questions from the practical component may be included in SEE of the theory component. Hence, Practical examination hours for integrated courses are removed in the examination duration column.
- ZZESC145-Introduction to C Programming and all courses under PLC(Programming Language Courses) and ETC (Emerging Technology Courses) category, the teaching department is made as "Any Dept". However, Faculty who teach a course must have expertise in that course.
- There shall be three CIE Tests for 2/3/4 credit courses and two CIE tests for 1- credit courses. Other assessment tools include quizzes, assignments, mini-projects, presentations, case studies, surveys, group discussions, etc

All the Principals of Constituent and Affiliated colleges and Chairpersons of University departments are hereby informed to bring the content of the circular to the notice of all concerned.

Sd/-
Registrar

To,

- The Principals of Affiliated, Constituent, and Autonomous coming under the ambit of the University.
- The Chairpersons of University departments VTU Belagavi.

Copy to,

- To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
- The Registrar (Evaluation) VTU Belagavi for information.
- The Special Officer, QPDS, Examination Section VTU Belagavi
- The Director (I/c), ITISMU, VTU Belagavi for information and request to upload the circular on VTU web portal.
- The Regional Director (I/c), of Belagavi, Kalburgi, Mysuru and Bengaluru to bring the content of the circular to the notice of the colleges under your zone.
- The special Officer and Caseworker Academic section looking after the Board of Studies for information



REGISTRAR



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date: 28/02/2019

To,
The Chairman
BOS (EEE)
Visvesvaraya Technological University, Belagavi.

Dear Sir,

Sub: Suggestions for 2018-19 CBCS Syllabus for EEE Scheme.

With respect to the above cited matter the following points are observed and suggested.

1. PSA-I (18EE55) may be shifted to 6th Semester to have continuation with PSA-II (18EE71) of 7th Semester.
2. Tutorial classes may be included every week for Signals & System (18EE54) subject.
3. Industrial Drives & Applications may be included in the Professional Electives of 7th Semester.
4. It is observed that Sensors & Transducers subject has appeared in both Professional Elective (18EE732) and Open Elective (18EE752) for 7th Semester.
5. Professional Electives suggested
 1. Smart Grid
 2. AI & Its Applications to Electrical Sciences.
 3. Nano Electronics

This is for your reference and needful action.

Dr. B. V. Madiggond

Prof. & Head HEME, Ph.D.
Dept. of Electrical & Electronics Engg.
HST NIDASOSHI-591 236



S J P N Trust's

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EEE

2020-21
(Even Sem)**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

Date: 15/09/2021

From:

Dr. B. V. Madiggond

Member BOS (EEE), VTU Belagavi

Professor & Head

Dept. of EEE

Hirasugar Institute of Technology

Nidasoshi-591236.

To,

The Chairman

BOS, EEE

Visvesvaraya Technological University, Belagavi.

Sir,

Sub: Comments/observations on proposed BEE syllabus (21ELE13/23)


Ref : whatsapp message dated 5/9/2021 (Draft copy of BEE Syllabus)

With reference to the above cited matter I would like to bring the following points for your perusal

Module -1
DC Circuits: Nodal analysis of dc circuits may be omitted as mesh analysis is sufficient at first year level and remaining contents are accepted. Single phase circuits: The content frequency of operation may not be appropriate as the same content is covered in 3-phase synchronous generator.
Module -2
Single phase circuits (continued): Resonance may be omitted as it requires detailed in depth coverage and moreover students have physics background of resonance. Measurement of power may be omitted as measurement of single phase power is inherently dealt while covering real power, reactive power and apparent power.
Module -3
Three phase induction motor: Torque slip characteristics may be omitted.
Module -4
Power transmission & distribution: HVDC transmission may be omitted as only block diagram, explanation does not have any significance. Equipment safety measures: Only fuse and MCB can be retained and ELCB can be omitted. Necessity of earthing may be included. The overall content of module 4 seems to be vast as compared to the time of coverage of 8 hours.
Module -5
Wind power generation and solar power generation may be excluded and DC Machines covering construction, classification, working principle, characteristics, speed control of DC machines included. Batteries used in electric and hybrid cars: AGM batteries, gel cell batteries and kW ratings of different cars may be omitted. Some basic information on measuring instruments may be included.

Thanking you

Forwarded to Chairman, BOS EEE Yours Sincerely


 Regional Director
 VTU, RO, Bengaluru



 8/9/21
 BOS (EEE)
 Chaitanya,
 VTU



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME

EEE

2020-21
(Even Sem)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date: 29/09/2021

From:

Dr. B. V. Madiggond

Member BOS (EEE), VTU Belagavi

Professor & Head

Dept. of EEE

Hirasugar Institute of Technology

Nidasoshi-591236.

To,

The Chairman

BOS, EEE stream

Visvesvaraya Technological University, Belagavi.

Respected Sir,

Sub: Feedback on draft syllabus of Basic Electrical Engineering 21ELE13.

Reference: BOS meeting held on 18th Sep. 2021


With reference to the above cited matter, I wish to bring the following points to your kind notice.

1. The course objective (5th point) may be modified as **"To explain generation, transmission and distribution of electric power, wiring schemes, electricity billing, equipment and personal safety measures"**.
2. As discussed in BOS meeting held on 18/09/2021 at VTU R.O. Bengaluru, we had removed **torque slip characteristics** from Module III, but the draft syllabus published in VTU website contains **torque slip characteristics**. Hence request you to modify the same.
3. In module V, it is printed in draft syllabus as **Uninterrupted Power Supplies** which can be corrected as **Uninterruptible Power Supplies**.
4. In course outcomes CO2, we can modify the sentence as **"Explain the construction and working of transformers and electrical machines"**.
5. In CO4, **"equipment safety measures"** can be included.
6. CO5 can be modified as **"Understand the basics of batteries used in electric vehicles and working of stand by power supplies"**.

This is for your perusal and needful.

Thanking you

Yours faithfully


29/9/21



Ref. No: HIT/EEE/2021-22/57

Date: 03/06/2022

To,
The Registrar
Visvesvaraya Technological University,
Belagavi.

Respected Sir,

Sub: Assessment details of Semester End Evaluation.

Ref: 1. Regulations governing the degree of Bachelor of Engineering/Technology for year 2021-22
2. 21 Scheme Laboratory Syllabus of EEE branch.

With reference to the above, I would like to submit the following points for your kind perusal and needful.

As mentioned in the 2021-22 regulations published by VTU, in the section 21OB10.1g, 6th point states that "Change of experiment is allowed only once and 20% marks allotted to the procedure/writeup to be made zero. (Evaluation is to be carried out for 80% of total maximum marks)".


But in 21 scheme laboratory syllabus, in section Assessment Details, the last para in Semester End Evaluation (SEE) section states that Change of experiment is allowed only once and 15% marks allotted to the procedure part to be made zero.

The discrepancy in the above two i.e. in regulations it states 20% marks allotted to the procedure to be made zero while in the 21 scheme laboratory syllabus states 15% marks allotted to the procedure part to be made zero is leading to confusion.

Hence I humbly request you to guide us.

Thanking you

Yours faithfully


03.06.2022

Dr. B. V. Madiggond
Member, BOS (EEE)
VTU, Belagavi
Dean Academics, HOD (EEE)
HIT, Nidasoshi



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.

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EEE

2021-22
(Even Sem)**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.****Feedback on draft syllabus of IV semester EEE**

Subject	Subject code	Remarks
Digital System Design	21EE42	1) Module 3 : Conversion of flip-flops can be added. 2) Experiment No. 2 : Along with basic gates universal gates can be included to realize Half/Full adder & Half/full subtractor. 3) Experiment No. 8 : (Can be renamed as) Realization and verification of flip-flops: SR, JK, T and D flip-flop
Microcontroller	21EE43	1) Addressing mode topic, which is mentioned in first module may be shifted to second module.
Electric Motors	21EE44	1) Testing of DC machines/ motors entire content of syllabus may be considered for module-2 . 2) Portion of 3-phase Induction motor of module-2 , may be shifted to module-3 . 3) Study of equivalent circuit and performance evaluation of double cage induction motor may be removed from module-3 4) Construction and operation of B.L.D.C. may be included in module-5 under other motors & instead of other motors it can be renamed as special motors.
Microcontroller Based Projects	21EEP481	1) Instead of Five way traffic light controller, four way traffic light controller may be given. 2) Interface stepper motor and control its speed and direction may be given to next level.
Scilab for Electrical and Electronic Measurements	21EEL483	1) The word "Design" may be omitted from Experiments title.
Simulation of Op-amp Circuits	21EEL484	1) Expt. No. 1 & 3 may be combined. Design & Analysis of inverting & non-inverting mode op-amp & study frequency response. 2) Expt. No. 4 & 5 may be combined. 3) Expt. No. 6 : Schmitt Trigger for different values of UTP and LTP.


17/5/22
Dr. B. V. Madiggond

BE, ME, Ph.D

Prof. & Head

Dept. of Electrical & Electronics Engg.
HIT, NIDASOSHI-591 236



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Feedback on draft syllabus of III semester EEE

Subject	Subject code	Remarks
Electric Circuit Analysis	21EE33	1) Module 1: Network terminology, classification of electrical network, Delta-star transformation may be included. 2) Module 2: Compensation theorem (substitution theorem) may be included. 3) Module 3: Selectivity topic may be included in resonant circuit. 4) Module 4: Properties of laplace transform, laplace transform of periodic function, inverse laplace transform, Network analysis using laplace transform may be included. 5) Module 5: a) Unbalanced 3 phase system may be excluded. b) H parameter, condition for symmetry and reciprocity for all parameters may be included.
Transformers and Generators	21EE34	1) Module 1: a) Operation of ideal transformer may be included. b) Labeling of three phase transformer terminals, vector groups topics may be excluded and also zig zag/ star topic may be excluded. 2) Module 2: Polarity test, sumpner test, separation of eddy current and hysteresis losses may be shifted to module 1. 3) Module 3: a) Three winding transformers, cooling of transformer may be shifted to module2. b) Characteristics of DC generators may be included. 4) Module 5: Operation at constant load with variable excitation and vice versa may be included.


Dr. B. V. Madiggond
Prof. & Head B.E., M.E., Ph.D.
Dept. of Electrical & Electronics Engg.
HIT NIDASOSHI-591 236

	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME</p>	<p style="text-align: center;">EEE</p> <hr/> <p style="text-align: center;">2021-22</p>
	<p style="text-align: center;">DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.</p>	

Consolidated recommendations of BOS, EEE meeting held on 8th Jan. 2022

- 1) For III Semester:
 - i. **Transformers & Generators (21EE33, IPCC)** is recommended for PCC instead of IPCC.
 - ii. **Electric Circuit Analysis (21EE34, PCC)** is recommended for IPCC wherein **Electric Circuit Analysis Lab** needs to be conducted along with theory.
 - iii. **Op-Amp Laboratory (21EEL35, PCC)** is omitted as it can be a part of Analog Electronic Circuits and Op-Amps (21EE32, IPCC) and in its place **Electrical Machines Lab-1** is recommended.
 - iv. In place of **Decision Making in Engineering Design (21EE381, AEC-III)** as this is repeated in **AEC-IV) Vedic Mathematics (21EE641)** can be included. (Shifted from AEC-V to AEC-III)

- 2) For IV Semester:
 - i. **Electric Motors (21EE43, IPCC)** is recommended for PCC instead of IPCC.
 - ii. **Microcontroller (21EE44, PCC)** is recommended for IPCC instead of PCC and related **Microcontroller Lab** has to be performed along with theory.
 - iii. **Microcontroller Lab (21EEL46, PCC)** is omitted as it can be part of Microcontroller (21EE44, IPCC) and in its place **Electrical Machines Lab-2** is recommended.
 - iv. **Labview for Electrical Machine Analysis (21EE484, AEC-IV)** can be replaced with **Microcontroller Projects**.

- 3) For V Semester:
 - i. **Electromagnetic Field Theory (21EE51, PCC)** is recommended for **Professional Elective-1** in place of **Power Generation & Economics (21EE642)** and in its place **Switchgear & Protection (New Course)** is recommended.

- 4) For VI Semester:
 - i. **Scilab for Signals (21EE644)** can be omitted and in its place **HV and Relay Lab** is recommended.
 - ii. In place of **Introduction to Data Analytics (21XX654, Open Elective - I) Energy Management** may be included.
 - iii. In place of **Vedic Mathematics (21EE641, AEC-V, which is recommended for AEC-III)** **Electrical & Electronics Measurements Lab** can be included.



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2021-22

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

- 5) For VII Semester:
- Power System Protection (21EE721, Professional Elective-II) as Switchgear and Protection has been recommended for PCC in 5th Semester, this subject can be replaced with Power System Operation and Control.
 - Solar and Wind Energy (21EE722) can be replaced with Renewable Energy Sources.
 - Sensors & Transducers ((21EE723) as it is already included in Professional Elective-I 21EE645) can be replaced with HVDC & FACTS.
 - A new elective Integration of Distributed Systems can be included in Professional Elective-2 (21EE726)
 - In place of HV & Relay Lab (21EE764, AEC-VI) MAT Lab/Simulation based projects may be included.
 - In place of Carbon Capture and Storage, (21XX741, Open Elective-II) Industrial Electrical Systems may be included.
 - In place of AI Techniques for Electric and Hybrid Electric Vehicles (21EE764, Professional elective-III). Power System Economics may be included.

Apart from above recommendations, following points are observed


- In 3rd Semester instead of 21EE32, it is printed as 18EE32.
- In 4th Semester instead of 21EE42, it is printed as 18EE42.
- In 5th Semester instead of PCC for subject code 21EE51, it is printed as BSC and teaching department should have been EE.
- In 6th Semester instead of PCC for subject code 21EE61, it is printed as HSMC and for Mini Project, the teaching department should have been EE.
- For 7th Semester the department for Project Work (MP21EEM75) should have been EE and for Subject 21EE71 it should be PCC instead of HSMC.
- There is no ability Enhancement Course for 5th Semester in the given scheme.

This is for your reference.

With regards



Dr. B. V. Madiggond
Member, BOS (EEE)
VTU, Belagavi
Dean Academic, HOD, EEE
HIT, Nidasoshi

	S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME	EEE
	DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.	2021-22

Pet no: HST/EEE/2021-22/41

Date: 10/01/2022

To,
 The Chairman
 Board of Studies (EEE)
 Visvesvaraya Technological University, Belagavi.

Sir,

Reference: VTU/Aca/A9/2022/5036, Dated: 06/01/2022
 Sub: Submission of proposal for 2021 Scheme.

With reference to the above cited subject and as per your directions given in the BOS meeting held online on 8th Jan. 2022, I am submitting my proposal for 2021 Scheme for your perusal and needful.

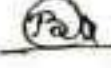
The highlighted subject in red color is my proposal for inclusion in the 2021 Scheme.

Further, HV and Relay Lab (21EE764) and Power System Analysis Lab (21EE765) have been included in the Ability Enhancement Course-VI, where as the practical hours for the same has not been indicated in the scheme.

Moreover, both the labs are very much essential for EEE Scheme. Therefore, instead of having both the labs in the same semester (VII Sem), one of the labs can be shifted to Ability Enhancement Course-V (VI Sem).

Thanking You,

Yours truly


 10/1/22

Dr. B. V. Madiggond
 Member, BOS (EEE)
 VTU, Belagavi
 Dean Academic, HOD, EEE
 HIT, Nidasoshi

Ref. no.: HIT/EEE/2021-22/41

Date: 10/01/2022

To,
The Chairman
Board of Studies (EEE)
Visvesvaraya Technological University, Belagavi.

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Thanking You,

Yours truly


10/1/22

Dr. B. V. Madiggond
Member, BOS (EEE)
VTU, Belagavi
Dean Academic, HOD, EEE
HIT, Nidasoshi



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ವಿಶಿಷ್ಟ ಯು.ಎ.ಸಿ.ಯು.ಯು. ೧೯೯೪ ರ ಅಧಿನಿಯಮದ ಪ್ರಕಾರ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. Dr. Rangaswamy B.E., Ph.D.
REGISTRAR (I/C)

Phone: (0831) 2498100
Fax: (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 3742

DATE: 27 OCT 2022

MEETING NOTICE

- Subject:** Board of Studies meeting for revamping of the 1st year syllabus with effect from 2022-23 regarding...
- Reference:** Proceeding of the expert committee meeting dated 22.10.2022 and an email sent to all BoS on 25.10.2022
Hon'ble Vice-Chancellor's approval dated: 27.10.2022

This is in reference to the subject cited above, Board of studies meeting has been scheduled on the 2nd and 3rd of November 2022, details are mentioned below-

Date: 2nd and 3rd of November 2022

Venue: VTU Belagavi

Timing: 11.00 am to 05.00pm

Agenda of meeting;

1. Preparation of final draft syllabus as per the scheme finalized by the expert committee for revamping of the syllabus of 1st year from the academic year 2022-23,
2. Preparation of handbook for different courses of the 1st year UG programs
3. Deciding the question paper pattern (template) for the UG programs of scheme 2022-23 for effective learning.
4. Any other matter with the permission of the chair

The chairperson/s and members are requested to participate in the meeting and submit the proceeding along with the documents to the undersigned for further process.

Encl: Scheme Syllabus templates

Sd/-

Registrar


To,

1. The chairperson and members of the Board of Studies in Basic Sciences and Humanities of VTU Belagavi.
2. The chairperson and members of the Board of Studies in Nano Science and Technology of VTU Belagavi.
3. The chairperson and members of the Board of Studies in Civil/Transportation Engineering(CV/TR/EV/CC) of VTU Belagavi
4. The chairperson and members of the Board of Studies in Biotechnology(BT) of VTU Belagavi
5. The chairperson and members of the Board of Studies in Computer Science and Engineering (CSE/ISE/allied branches) of VTU Belagavi
6. The chairperson and members of the Board of Studies in Electronics and Instrumentation Engineering (EI/BM/MI) of VTU Belagavi
7. The chairperson and members of the Board of Studies in Electronics and Communication Engineering(ECE/ETC) of VTU Belagavi

8. The chairperson and members of the Board of Studies in Electrical & Electronics Engineering (EEE) of VTU Belagavi
9. The chairperson and members of the Board of Studies in Mechanical Engineering (ME/PT/MIE) of VTU Belagavi
10. The chairperson and members of the Board of Studies in Aeronautical Engineering(AE/AS) of VTU Belagavi
11. The chairperson and members of the Board of Studies in Automobile Engineering(AU) of VTU Belagavi
12. The chairperson and members of the Board of Studies in Silk Technology and Textile Technology(ST/TX) of VTU Belagavi
13. The chairperson and members of the Board of Studies in Chemical Engineering (CH/Polymer) of VTU Belagavi
14. The chairperson and members of the Board of Studies in Industrial & Production Engineering (IPE/IEM/MS) of VTU Belagavi
15. The chairperson of the BoS in Civil Engineering Sciences PG department, VTU Belagavi
16. The chairperson of the BoS in Computer Science & Engineering PG department, VTU Belagavi
17. The chairperson of the BoS in Electrical Engineering Sciences PG department, VTU Belagavi
18. The chairperson of the BoS in Mechanical Engineering Sciences PG department, VTU Belagavi

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information and depute the two special officers for the meeting.
3. The finance officer for information and make necessary arrangements for distribution of the TA /DA and sitting fees.
4. The Resident Engineer, VTU Belagavi, for information and make the necessary arrangements for the meeting including hospitality (Tiffin, Lunch and Tea, and dinner and stay). Pickup and drop arrangements for Academic Senate members, Dean, and Industrial Invitee of high repute.
5. Chairperson of Mechanical Engineering department, Chairperson of Electronics Engineering Department, Chairperson of CSE Department, Chairperson of Civil Engineering department of VTU Belagavi have to coordinate for the conduction of BOS meetings of their respective stream by making necessary arrangements.

Recd 27/10/22 BE
REGISTRAR


Note: All the members and special invitees are requested to make their own arrangements to reach the VTU Belagavi.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ ೧೯೯೪ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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Prof. B.E.Rangaswamy, Ph.D.
REGISTRAR (I/C)

Phone: (0831) 2498100

Fax : (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 3743

DATE: 27 OCT 2022

MEETING NOTICE

Subject: Meeting of Joint Board of Studies

Reference: Hon'ble Vice Chancellor's Approval dated: 27.10.2022

The joint Board of Studies meeting is convened under the Chairmanship of the Hon'ble Vice-Chancellor, meeting details are mentioned below;

Date : Tuesday 04th November 2022

Time : 11.00 am

Venue : Senate Hall of VTU Belagavi

The agenda of the meeting is as under:

1. Approval of the Scheme designed by the expert committee and syllabus of the 1st and 2nd semesters for the academic year 2022-23
2. Approval of question paper pattern (template) for the UG programs of scheme 2022-23 for effective learning
3. Approval of the Handbooks for different courses of the 1st years
4. Approval of the scheme and syllabus of certificate Program in "Art of Gardening and landscape"
5. Approval to faculty to teach common courses as well as courses of another department
6. Approval of the 2022 scheme of all PG programs of the university
7. Approval of admission eligibility criteria of Program and Scheme and Syllabus of M.Tech., in Nano Science & Technology regarding
8. Approval of Scheme, Syllabus, and admission eligibility criteria of PG program M.Tech., in Electrical Vehicle Technology from the academic year 2022-23
9. Approval of Scheme, Syllabus, and admission eligibility criteria of PG program M.Tech., in Robotics and Mechatronics from the academic year 2022-23
10. Approval of Scheme, Syllabus, and admission eligibility criteria of PG program M.Tech., in Robotics and Artificial Intelligence from the academic year 2022-23
11. Approval of Scheme, Syllabus, and admission eligibility criteria of PG program M.Plan., in Town and Country Planning for the academic year 2022-23
12. Ratification of the amendments made in the regulation governing UG programs for scheme 2021
13. Any other matter with the permission of the chair

The Dean, Faculty of Engineering, VTU, Chairpersons of all BOS are requested to make it convenient to attend the meeting. Sitting Fees will be paid to the members attending the meeting as per the VTU norms.

Sd/-
REGISTRAR

To,

1. **Dr. B. Sadashive Gowda**, Dean Faculty of Engineering, VTU, Belagavi & Principal, Vidya Vardhaka College of Engineering, Gokulam 3rd Stage, Mysuru. Mobile: +91 9945650016, e-mail: sadashivegowdab@gmail.com
2. **Dr. Anand V. Shivapur**, Member Senate, VTU Belagavi, Chairperson BoS in Civil Engineering Sciences, for all PG programs and University departments UG programs, Professor, Department of Civil Engineering, PG Center- Belagavi, Mobile: +91 9448110038, e-Mail: avshivapur@rediffmail.com
3. **Dr. S. A. Angadi**, Member Senate VTU Belagavi, Chairperson, BoS in CSE/ISE for all UG programs of Constituent and affiliated colleges of VTU Belagavi, Director(I/c) ITI SMU, VTU Belagavi and Professor, Department of CSE, VTU PG Centre, Belagavi, Mobile: +91 9480981542, eMail: saangadi@vtu.ac.in.
4. **Dr. M. S. Govindgowda**, Member Senate, VTU Belagavi, Chairperson BoS in Mechanical Engineering for all UG programs of Constituent and affiliated colleges, Dean & Professor, Dept. of Mechanical Engineering, Academy for Technical & Management Excellence, Bannur Road, Mellahalli, Mysuru-570 028. Mobile: +91 9972940201, eMail: msggowda1964@gmail.com
5. **Dr. Nagashettappa Biradar**, Member Senate, VTU Belagavi, Chairperson BoS in Electronics and Communication Engineering (ECE/ETC) for UG programs of Constituent and affiliated colleges, Principal, Bheemanna Khandre Institute of Technology, Bhalki - 585 328, Mobile - +919449822128, eMail: nmbiradar@gmail.com
6. **Dr. Vimala Swamy**, Member, Senate, VTU Belagavi, Chairperson BOS in Architecture of VTU Belagavi, Principal Gopalan School of Architecture and Planning Basavana Nagar Main Road Seetharampalya Hoodi Bengaluru, Mobile: 9535836886, eMail: gsappincipal@gopalancolleges.com
7. **Dr. H. B. Balakrishna**, Member Senate, VTU Belagavi, Chairperson BoS in Civil Engineering (CV/TR/EV/CC) for all UG programs of Constituent and Affiliated Colleges of VTU Belagavi, Professor & Head, Dept. of Civil Engineering, Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560 004
8. **Dr. Meghana Kulkarni**, Member Senate, VTU Belagavi, Chairperson BoS in Electrical Engineering Sciences, for PG programs and University departments UG programs, Associate Professor and Chairperson, Department of Electronics and Communication Engineering, VTU Belagavi. Mobile: +91 9480398197, e-Mail: meghanak@vtu.ac.in, meghanakkrn@gmail.com, ece@vtu.ac.in,
9. **Dr. Suresh M.**, Member Senate VTU Belagavi, Chairperson BOS in Basic Sciences and Humanities of VTU Belagavi, Professor, Dept. of Mathematics, Vemana Institute of Technology, Mahayogi Vemana Road, 3rd Block, Koramangala, Bengaluru - 560 034, Mobile: 9902075490, eMail: msuresha@yahoo.com
10. **Dr. S. L. Deshpande**, Chairperson BoS in Computer Science Engineering for all PG programs and University departments UG programs, Professor, Chairperson, Department of CSE, PG Center, Belagavi, Mobile: +91 9448428785, e-mail: sld@vtu.ac.in, chair.cse@vtu.ac.in
11. **Dr. M. M. Munshi**, Chairperson, Department of Management Studies, VTU Belagavi and Professor and Chairperson Department of MBA, PG Center Belagavi, Contact: +91 9844012326, e-Mail: chair.mba@vtu.ac.in
12. **Dr. R. R. Malagi**, Chairperson BOS in Mechanical Engineering Sciences, for all PG programs and University Department UG programs, Professor, Department of Mechanical Engineering, PG Center Belagavi, Mobile: +91 9448907847, 8088886854, e-Mail: rrmalagi01@gmail.com
13. **Dr. Gangadhara Rao**, Chairperson BoS in Aeronautical Engineering (AE/AS) for UG programs of Constituent and affiliated colleges, Professor Dept of Aerospace Engineering, Srinivas Institute of Technology, Valachil Farangipete Mangalore, Mobile: +91 9739867175, email: gangadhara.rae2@gmail.com
14. **Dr. Raju B. R.**, Chairperson BoS in Automobile Engineering (AU) for UG programs of Constituent and affiliated colleges, Professor & Head, Dept. of Automobile Engineering, Oxford College of Engineering, Bommanahalli, Hosur Road, Bengaluru-560 068, Mobile: +91 9448373636, eMail: engdhodautomobile@theoxford.edu
15. **Dr. Krishna Prasad**, Chairperson BoS in Biotechnology for all UG programs of Constituent and affiliated colleges VTU Belagavi, Professor & Head, Dept. of Bio-Technology, PA College of Engineering, Nadupadavu, Near Mangalore University, Mangalore, Mobile: +91 9448529048, eMail: nboralabettu@pace.edu.in

16. **Dr. Kalleshappa Churi**, Chairperson BoS in Chemical Engineering (CH/Polymer Science) for all UG programs of Constituent and affiliated colleges and Professor & Head, Dept. of Chemical Engineering, Bapuji Institute of Engg. & Tech., Shamnoor Road, Davangere - 577 004, Mobile- 9986040846, eMail- suresh_0672@yahoo.com.
17. **Dr. H. N. Suresh**, Chairperson, BOS in Electronics and Instrumentation Engineering (EI/BM/ML) for all UG programs of Constituent and affiliated colleges, Professor, Dept. of Electronics & Instrumentation Engineering, Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru -04, Mobile-+91 9980414212, eMail- hnsureshbit@gmail.com,
18. **Dr. Basavaraj V. Madiggonda**, Chairperson BoS in Electrical & Electronics Engineering, for all UG programs of Constituent and affiliated colleges and Professor & Head, Dept. of E&EE, S J P N Trust's Hirasagar Institute of Technology, Nidasoshi - 591 236, Hukkeri Tq., Belagavi Dist. Mobile- +91 9343454993, eMail- hodlee@hsit.ac.in,
19. **Dr. Dinesh Y. N.**, Chairperson BoS in Textile and Silk Technology of VTU Belagavi, and Associate Professor, Dept. of Textile Technology, Bapuji, Mobile- +91 9964088918, eMail- dineshyn@gmail.com
20. **Dr. Raviraj M. Kulkarni**, Chairperson BoS in Nano Science and Technology of VTU Belagavi, Professor, Dept. of Chemistry, KLS' Gogte Institute of Technology, Udyambag, Belagavi - 590 008, Mobile-+91 9845434048, eMail- ravirajmk@nit.edu
21. **Dr. D. R. Swamy**, Chairperson BOS in Industrial & Production Engineering(IPE/IEM/MS) for all UG programs of Constituent and affiliated colleges of VTU, Belagavi and Dean (Research) JSS Academy of Technology and Education, JSS Campus, Uttarhalli, Kengeri Main Road Bengaluru-560060, Mobile no. 9900005009, eMail- drswamydr@gmail.com

Copy to:

1. The Hon'ble Vice Chancellors through Secretary to VC, VTU, Belagavi for information.
2. The Registrar (Evaluation), VTU, Belagavi with a request to attend the meeting.
3. The finance officer for information and make necessary arrangements for distribution of the TA /DA and sitting fees.
4. The Resident Engineer, VTU Belagavi, for information and make the necessary arrangements for the meeting including hospitality (Tiffin, Lunch and Tea, and dinner and stay). Pickup and drop arrangements for Academic Senate members, Dean, and Industrial invitee of high repute.
5. The Special officer and OS, Academic Section, VTU, Belagavi to attend the meeting.
6. The caseworker BoS Academic for information and necessary arrangements for the meeting

Reg 27/10/22 BE
REGISTRAR
[Signature]

Note: All the members and special invitees are requested to make their own arrangements to reach the Regional Office VTU Bengaluru.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ವಿ.ವಿ.ಯು.ಅಧಿನಿಯಮ ೧೯೯೨ ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnanasangama" Belagavi-590018, Karnataka, India

Prof. A. S. Deshpande B.E., M.Tech., Ph.D.
REGISTRAR

Phone: (0831) 2498100
Fax : (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 3600

DATE: 14 OCT 2022

MEETING NOTICE

Subject: Meeting of Joint Board of Studies

Reference: Hon'ble Vice Chancellor's Approval dated: 14.10.2022

The joint Board of Studies meeting is convened under the Chairmanship of the Hon'ble Vice-Chancellor, meeting details are mentioned below;

Date : Tuesday 18th October 2022

Time : 11.00 am

Venue : Meeting Hall VTU Regional Office Annapurneshwari Nagar Bengaluru

The agenda of the meeting is as under:

01	Revamping of 1 st and 2 nd semester syllabus of the Engineering programs (UG)
02	Any other matter with the permission of the chair

The Dean, Faculty of Engineering, VTU, Chairpersons of all BOS are requested to make it convenient to attend the meeting. Sitting Fees will be paid to the members attending the meeting as per the VTU norms.

Sd/-
REGISTRAR

To,

1. **Dr. B. Sadashive Gowda**, Dean Faculty of Engineering, VTU, Belagavi & Principal, Vidya Vardhaka College of Engineering, Gokulam 3rd Stage, Mysuru. Mobile: +91 9945650016, e-mail: sadashivegowdab@gmail.com
2. **Dr. Anand V. Shivapur**, Member Senate, VTU Belagavi, Chairperson BoS in Civil Engineering Sciences, for all PG programs and University departments UG programs, Professor, Department of Civil Engineering, PG Center Belagavi, Mobile: +91 9448110038, e-Mail: av.shivapur@rediffmail.com
3. **Dr. S. A. Angadi**, Member Senate VTU Belagavi, Chairperson, BoS in CSE/ISE for all UG programs of Constituent and affiliated colleges of VTU Belagavi, Director(I/c) ITI SMU, VTU Belagavi and Professor, Department of CSE, VTU PG Centre, Belagavi, Mobile: +91 9480981542, eMail: saangadi@vtu.ac.in.
4. **Dr. M. S. Govindgowda**, Member Senate, VTU Belagavi, Chairperson BoS in Mechanical Engineering for all UG programs of Constituent and affiliated colleges, Dean & Professor, Dept. of Mechanical Engineering, Academy for Technical & Management Excellence, Bannur Road, Mellahalli, Mysuru-570 028. Mobile: +91 9972940201, eMail: msgowda1964@gmail.com
5. **Dr. Nagashettappa Biradar**, Member Senate, VTU Belagavi, Chairperson BoS in Electronics and Communication Engineering (ECE/ETC) for UG programs of Constituent and affiliated colleges, Principal, Bheemanna Khandre Institute of Technology, Bhalki - 585 328. Mobile - +919449822128, eMail: nmbiradar@gmail.com

6. **Dr. Vimala Swamy** Member, Senate, VTU Belagavi, Chairperson BOS in Architecture of VTU Belagavi, Principal Gopalan School of Architecture and Planning Basavana Nagar Main Road Seetharampalya Hoodi Bengaluru, Mobile-9535836886, eMail-gsapprincipal@gopalancolleges.com
7. **Dr. H. B. Balakrishna**, Member Senate, VTU Belagavi, Chairperson BoS in Civil Engineering (CV/TR/EV/CC) for all UG programs of Constituent and Affiliated Colleges of VTU Belagavi, Professor & Head, Dept. of Civil Engineering, Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560 004
8. **Dr. Meghana Kulkarni**, Member Senate, VTU Belagavi, Chairperson BoS in Electrical Engineering Sciences, for PG programs and University departments UG programs, Associate Professor and Chairperson, Department of Electronics and Communication Engineering, VTU Belagavi. Mobile: +91 9480398197, e-Mail: meghanak@vtu.ac.in, meghanakdkra@gmail.com, eee@vtu.ac.in.
9. **Dr. Suresh M.**, Member Senate VTU Belagavi, Chairperson BOS in Basic Sciences and Humanities of VTU Belagavi, Professor, Dept. of Mathematics, Vemana Institute of Technology, Mahayogi Vemana Road, 3'd Block, Koramangala, Bengaluru - 560 034, Mobile-9902075490, eMail-msuresha@yahoo.com
10. **Dr. S. L. Deshpande**, Chairperson BoS in Computer Science Engineering for all PG programs and University departments UG programs, Professor, Chairperson, Department of CSE, PG Center, Belagavi, Mobile: +91 9448428785, e-mail: sld@vtu.ac.in, chair.cse@vtu.ac.in
11. **Dr. M. M. Munshi**, Chairperson, Department of Management Studies, VTU Belagavi and Professor and Chairperson Department of MBA, PG Center Belagavi, Contact: +91 9844012326, e-Mail: chair.mba@vtu.ac.in
12. **Dr. R. R. Malagi**, Chairperson BOS in Mechanical Engineering Sciences, for all PG programs and University Department UG programs, Professor, Department of Mechanical Engineering, PG Center Belagavi, Mobile: +91 9448907847, 8088886854, e-Mail: rrmalagi01@gmail.com
13. **Dr. Gangadhara Rao** Chairperson BoS in Aeronautical Engineering (AE/AS) for UG programs of Constituent and affiliated colleges, Professor Dept of Aerospace Engineering, Srinivas Institute of Technology, Valachil Farangipete Mangalore. Mobile: +91 9739867175, email-gangadhara.rao2@gmail.com
14. **Dr. Raju B. R.**, Chairperson BoS in Automobile Engineering (AU) for UG programs of Constituent and affiliated colleges, Professor & Head, Dept. of Automobile Engineering, Oxford College of Engineering, Bommanahalli, Hosur Road, Bengaluru-560 068, Mobile-+91 9448373636, eMail-engdhodautomobile@theoxford.edu
15. **Dr. Krishna Prasad**, Chairperson BoS in Biotechnology for all UG programs of Constituent and affiliated colleges, VTU Belagavi, Professor & Head, Dept. of Bio-Technology, PA College of Engineering, Nadupadava, Near Mangalore University, Mangalore, Mobile-+91 9448529048, eMail-nooralabettu@pace.edu.in
16. **Dr. Kalleshappa Churi**, Chairperson BoS in Chemical Engineering (CH/Polymer Science) for all UG programs of Constituent and affiliated colleges and Professor & Head, Dept. of Chemical Engineering, Bapuji Institute of Engg. & Tech, Shamnoor Road, Davangere - 577 004, Mobile-9986040846, eMail-suresh_0672@yahoo.com.
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2. The Registrar (Evaluation), VTU, Belagavi with a request to attend the meeting.
3. The Finance Officer, VTU, Belagavi for kind information.
4. The In-charge Regional Director, VTU Regional Office Bengaluru, for information and make the necessary arrangements for the meeting including hospitality and disbursement of TA/DA and sitting fees as applicable to the members.
5. The Special officer and OS, Academic Section, VTU, Belagavi to attend the meeting.


REGISTRAR

Note: All the members and special invitees are requested to make their own arrangements to reach the Regional Office VTU Bengaluru.

29/11/22



Dr.Raghavendra R. Maggavi <rmaggavi.ece@hsit.ac.in>

regarding nep syllabus for basic electronics

1 message

Dr.Raghavendra R. Maggavi <rmaggavi.ece@hsit.ac.in>
To: mkvenkatesha@gmail.com

Tue, Oct 5, 2021 at 2:24 PM

Respected Sir,

As per the discussion held in the ECE department, I would like to bring your kind notice that the following points may be noted for framing the basic electronics (21ELN14/24) subject.

- 1) Previous syllabus itself was too vast and heavy for students of other streams to digest, including electronic students.
- 2) The whole syllabus is a combination of many subjects of higher sem
- 3) Time will not be sufficient to cover the syllabus which was the problem of previous syllabus also.
- 4) Keep only power supplies, Amplifiers and operational amplifier in module-1
- 5) Keep only logic circuits in module-2
- 6) Remove the topics concept of radio propagation onwards
- 7) Module 5 supposed to be FET and SCR module-2 from 18ELN14/24

Dr. R. R. Maggavi M.Tech, Ph.D
Associate professor, Dept. of E&C
Hirasugar Institute of Technology
Nidasoshi, Belagavi.
Mob:09480275583


HOD
Electronics & Comm. Engg. Dept.
HSIT NIDASOSHI



The gaps are identified related to curricular aspects and Communicated to university through BOE/BOS



Dr.Raghavendra R. Maggavi <rmaggavi.ece@hsit.ac.in>

Feedback on the draft scheme 3-8 sem ECE

1 message

Dr.Raghavendra R. Maggavi <rmaggavi.ece@hsit.ac.in>
To: mkvenkatesha@gmail.com, HOD ece <hod.ece@hsit.ac.in>

Tue, Jan 11, 2022 at 1:46 PM

Dear sir, below points may be considered while finalizing draft scheme

III-Sem

Inplace of 21INT36 or 21KBK37, 21CIP37 and 21UH39 subjects
ability enhancement course-III (1. LD lab using multisim or any other software, 2. AEC lab using multisim or any other software 3. LabView programming basics) can be made compulsory.

IV-Sem

biology for engineers - not clear about syllabus, provide syllabus for proper feedback

Inplace of kannada, CIP, universal human values

ability enhancement course-IV can be made compulsory with three different category (PSOC, embedded C for 8051 microcontroller, advanced python)

Thank you

Dr. R. R. Maggavi M.Tech, Ph.D
Associate professor, Dept. of E&C
Hirasugar Institute of Technology
Nidasoshi, Belagavi.
Mob:09480275583

[Signature]
11/01/2022
HOD
Electronics & Comm. Engg. Dept.
HSIT NIDASOSHI





Dr. Shilpa Shrigiri <shilpashrigiri.ece@hsit.ac.in>

Queries/Suggestions Regarding Syllabus of ECE Dept 2018 Scheme.

1 message

HOD ece <hod.ece@hsit.ac.in>

Sat, Apr 13, 2019 at 10:14 AM

To: kundesrk@yahoo.com, bos.vtu@gmail.com

Cc: academicsyl2018@gmail.com, Principal HIT <principal@hsit.ac.in>, "Dr. Shilpa Shrigiri" <shilpashrigiri.ece@hsit.ac.in>, Duradundi Madihalli <dbmadihalli.ece@hsit.ac.in>

Dear Sir/Madam,

This Email is with reference to your letter Ref. No.:VTU/Aca/SO/2018-19/217 dated 05/04/2019 regarding queries/suggestions on 3rd to 8th semester (2018 scheme) of Electronics and Communication Engineering Department. We the faculty members of ECE Dept., Hirasugar Institute of Technology, Nidasoshi have noted following observations/points in our department meeting held on 12.04.2019. Kindly go through the points which may be helpful in enriching the syllabus of ECE Dept.

1. The total number of weeks available per semester is 16, and we feel three lecture hours/week may not be enough to cover the entire course of 50 Hours. This can be compensated by reducing the number of modules to four or 40hours/semester.
2. One course (either professional or open elective) must be on Video/Television Engineering for 6th /7th semester students.
3. MEMS course shall be included as core subject rather than Professional Elective.
4. Microprocessor 8086 shall be included as professional elective.
5. High Performance Communication Network (HPCN) shall be included as professional elective in the 7th semester.
6. Course on Linear Integrated Circuits shall be included in either 3rd/4th semester.

Thanks for giving us the opportunity to participate in the process of syllabus framing.

Thanks and Regards,

HOD & ECE Faculty, HSIT, Nidasoshi

Dr. Veeresh G. Kasabegoudar

HOD, ECE Dept.

HSIT, Nidasoshi.

Contact: 9449074094



S. J. P. N. Trust's
Hirasugar Institute of Technology,
Nidasoshi - 591 236

Dist. : Belagavi. Karnataka.

"INCULCATING VALUES, PROMOTING PROSPERITY"

(Affiliated to Visvesvaraya Technological University, Belagavi. and Approved by All India Council for Technical Education, New Delhi.)



Prof. S. C. Kamate, Ph.D.
Principal

Accredited at 'A' Grade by NAAC

Ref. : HIT/NDSE/EC/03/19-20

Date : 02/04/2019

To,
 The BoS Chairman,
 E&CE Department,
 Visvesvaraya Technological University, Belagavi

Subject: Feedback on 2017-18 & 2018-19 CBCS curriculum for E&CE department.

Sir,

With reference to the above cited subject, we the faculty of E&CE, Hirasugar Institute of Technology, Nidasoshi, have discussed the curriculum of 2017-18 & 2018-19 schemes. Following are our observations related to these schemes.

2017-18 Scheme:

1. **Principles of Communication System (17EC44)** - The syllabus framed meet the current industry demands. However, it would be better if the Module-1 addresses all communication transducers (Ex. Speakers, Microphones, LCD displays etc. in detail).
2. **Signals & Systems (17EC42)** - Topics related to LTI systems are to be shifted from Module 3 to Module 2.
3. **Microprocessor 8086 (17EC46)**: Module 1 is too vast. Instruction set part may be included in Module 2. Pin configuration of 8086 is essential in Module 1.
4. **Field theory (17EC36)**: Syllabus content is more for the prescribed number of hours.

2018-19 Scheme:

1. **Basic Electronics (18ELN14/24)**: Study of Transistor configurations, Types and biasing methods are essential for the subject.

To train the students and make them fit for current employments, we need to conduct expert talks & workshops etc. for one to two weeks of duration. Hence it is advised to reduce curriculum to 40-45 hrs for all courses.

This is for your reference and needful action.

HOD
Dr. V. G. Kasabegoudar
 Professor & Head
 Electronics & Communication Engg. Dept

PRINCIPAL
 Hirasugar Institute of Technology
 NIDASOSHI-591 236