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**PROCEEDINGS OF JOINT BOARD OF STUDIES MEETING**  
Date: 26<sup>th</sup> August, 2021, Time : 11.00 AM, Venue: Senate Hall, VTU,  
Belagavi

**Members Present:**

1. **Dr.Karisiddappa**, Hon'ble Vice-Chancellor, Visvesvaraya Technological University, Belagavi
2. **Dr.Vadiraj V Katti**, Chairperson, BOS in Mechanical Engineering and member Academic Senate of VTU, Belagavi, Professor, Department of Mechanical Engineering, SDM CET Dharwad.
3. **Dr.MallikarjunHoli**, Chairperson BOS in EI/BM/ML.,of VTU, Belagavi, member Academic Senate of VTU, Belagavi, & In-charge Principal, UBDT, Davangere - 577004.
4. **Dr.K BPrakash**, Chairperson BOS in Civil / Transportation Engineering and member Academic Senate VTU, Belagavi, Principal, Government Engineering College, Vidyanagar, 'B' Block, 1<sup>st</sup> Main Road, Haveri - 581110.
5. **Prof. V P Tankasali**, Chairperson, BOS in Architecture, VTU Belagavi, Member Academic Senate of VTU Belagavi and Professor, Architecture Dept., BLDEA's V P Dr. P. G. Halakatti College of Engg. & Tech., Ashram Road, Vijayapur - 586 101.
6. **Dr.ShreedharaK S** Chairperson BOS in CSE, VTU, Belagavi, and Professor, Dept of CSE/ISE, UBDT College of Engineering, Davangere
7. **Dr.H GNagendra**, Chairperson BOS in Biotechnology, VTU, Belagavi, and Professor & Head, Dept. of Biotechnology Engineering, Sir. M. Visvesvaraya Institute of Technology Krishnadevarayanagar, Hunasamaranahalli, International, Airport Road, Bengaluru - 562 157.
8. **Dr.H RSudarshan Reddy**, Chairperson, BOS in Electrical & Electronics Engineering of VTU, Belagavi, Professor, Visvesvaraya Institute of Advance Technology, Muddenhalli, -562101, Chikkaballapur Dist.
9. **Dr.Umesh B Deshannavar**, Chairperson, BOS in Chemical Engineering, VTU, Belagavi, Professor & Head, Dept. of Chemical Engineering, KLE Dr. M. S. Sheshagiri College of Engg. & Technology, Udyambag, Belagavi - 590 008.
10. **Dr. N Nagesh**, Chairperson, BOS in Industrial & Production Engineering, VTU, Belagavi, and Chairman & Professor, Dept. of Industrial & Production Engineering, UBDT Engineering College, Davangere - 577 004.
11. **Dr. Ramakrishna N Hegde**, Chairperson BOS in Automobile Engineering, VTU, Belagavi and Professor & Head, Dept. of Automobile Engineering, Srinivas Institute of Tech., Srinivas Campus, Valachil, Farangipete, Mangaluru.
12. **Dr. K Fakrudhin**, Chairperson, BOS in Basic Sciences, VTU, Belagavi, Professor & Head, Dept. of Physics, Ghousia College of Engineering, Bengaluru Mysuru Road, Ramanagaram - 562 159.
13. **Dr. T Manjunatha**, Chairperson, BOS in Business Administration of VTU, Belagavi, Chairman & Professor, Dept. of Management Studies, UBDT Engineering College, Davangere - 577 004.
14. **Dr.Arunkumar B R**, Chairperson, BOS in MCA of VTU, Belagavi, Professor, Dept. of Computer Applications, BMS Institute of Technology, P.B.No.6443,Doddaballapur Main Road, AvalahalliYelahanka, Bengaluru - 560 064.
15. **Dr. Dinesh Rangappa**, Chairperson, BOS in Nano Technology, VTU, Belagavi and Professor, Dept of Nano Technology, VTU Centre for PG Studies, Bengaluru Region, Muddenahalli - 562 101, Chikkaballapura Dist.
16. **Dr. KR Mulla**, Chairman, BOS in Library and Information Science, VTU, Belagavi, Librarian, Visvesvaraya Technological University, Belagavi-590018.
17. **Prof. VKeshava Murthy**, Academic Advisor, Visvesvaraya Technological University, Belagavi.
18. **Prof. N C Shivaprakash**, Advisor, Visvesvaraya Technological University, Belagavi.
19. **Dr. B.E. Rangaswamy**, Registrar(Eval.), Visvesvaraya Technological University, Belagavi
20. **Dr. A S Deshpande**, Registrar, Visvesvaraya Technological University, Belagavi

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**Members on leave:**

1. **Dr. N V R Naidu**, Dean Faculty of Engineering, VTU, Belagavi & Principal, Ramaiah Institute of Technology, Bengaluru.
2. **Dr.M KVenkatesha**, Chairperson BOS in ECE / TCE, VTU Belagavi and member Academic Senate of VTU, Belagavi, Principal, RNS Institute of Technology, Channasandra, Rajarajeshwari Post, Bengaluru - 560 098.
3. **Dr.Shashidhar S Ramtal**, Chairperson, BOS in Silk Technology / Textile Engineering, VTU, Belagavi and Principal, Govt. Engineering College, Huvinahadagali
4. **Dr. S K Maharana**, Chairperson, BOS in Aeronautical Engineering, VTU, Belagavi Professor & Dean, Dept. of Aeronautical Engineering, Acharya Inst. of Technology, Dr.SarvapalliRadhakrishnaMarg, Solladevanhalli, Bengaluru - 560 107
5. **Dr. H S Dayananda**, Chairman, BOS in Humanities, VTU, Belagavi, Professor & Head, Dept., of Civil Engineering Vidyvardhaka College of Engineering, Mysuru.

**Minutes of the Meeting:**

Registrar, Dr. A S Deshpande welcomed the Honourable Vice-Chancellor Dr.Karisiddappa, Chairman, Joint Board of Studies, Chairpersons of BOS, and also special invitees and requested the Honourable Vice-Chancellor for the further proceedings.  
 Honorable Vice-Chancellor and Chairman of JBoS, Dr.Karisiddappa welcomed chairpersons of BoS and Special Invitees and requested their active participation, discussions, and fruitful conclusions.

**The proceedings of the meeting are as under:**

The proceedings of the JBoS meeting held on 31.05.2021 and approved in the Academic Senate and Executive Council Meeting held on 29.06.2021 were placed for information.

Agenda 01	<ul style="list-style-type: none"> <li>• Finalization and approval of the scheme of Teaching and Examination for Undergraduate programs of Engineering / Technology in line with NEP-2020 for the academic year 2021-22.</li> <li>• Preparation of the schedule for the submission of the syllabus for 1<sup>st</sup> year higher semesters.</li> </ul>
Recommendation	<p>The following are recommended:                  Approved the draft scheme of Teaching and Examination for B.E./ B.Tech. program to be implemented from the year 2021-22 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. The scheme of all programs should have courses on Mathematics from 1<sup>st</sup> to 5<sup>th</sup> semesters, of which the Mathematics offered from 1<sup>st</sup> to 4<sup>th</sup> semester shall be general Engineering mathematics, but the syllabus of the mathematics offered at 5<sup>th</sup> semester shall be concerned to the respective branch stream.</li> <li>2. The draft syllabus of " Design Thinking" to be offered at I semester as Ability Enhance Course is approved with changed title " <b>Innovation and Design thinking.</b>"</li> <li>3. Ability Enhance Course to be offered at II semester will be decided later after seeking the inputs..</li> <li>4. Two Professional Core Courses (Practical and Theory integrated) shall be offered at 3<sup>rd</sup> and 4<sup>th</sup> semesters</li> </ol>

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	<p>5. One Professional Core Course (Practical and Theory integrated) shall be offered at 5<sup>th</sup> and 6<sup>th</sup> semesters.</p> <p>6. All branches shall offer one course which will use the tools of <b>Artificial Intelligence</b> mandatorily. <i>?Also, the Engineering Physics topic to be included will be based on the Artificial Intelligence tools. ?</i></p> <p>7. The courses related to NCC/ Sport/Yoga etc. should be included in the Open Elective Groups</p> <p>8. At present <b>only</b> Online (NPTEL) courses are accepted <b>B.E./B.Tech., Honours and Minor</b> degrees. The Board of Studies have to submit the list of courses for minor and major periodically.</p> <p>9. <b>Management and Entrepreneurship</b> course should be shifted to 6<sup>th</sup> semester and Maths related to branch stream should be offered at 5<sup>th</sup> semester.</p> <p>10. Open Elective Course III is replaced by Professional Core Course. In the VII semester.</p> <p>11. Research / Industry Internship-III may be interdisciplinary.</p> <p>12. The following Change in the Title are suggested:</p> <p>a) Technical English – I – <b>Communicative English</b></p> <p>b) Technical English – II – <b>Professional Writing Skills in English</b></p> <p>c) C Programming for Problem Solving – <b>Programming for Problem Solving</b></p> <p>All the Chairpersons are informed to submit the Scheme and Syllabus as per the schedule approved/accepted.</p>
Agenda 02	<p>1. <b>Approval of Admission Eligibility to M.Tech., programs in Mechanical Engineering stream for undergraduate students from Aeronautical / Aerospace Engineering and</b></p> <p>2. <b>Approval of Admission eligibility to M.Tech., programs in Computer Science and Engineering stream for undergraduate students from Information Technology.</b></p>
Recommendation	<p>Recommended for approval :</p> <p>1. Admission Eligibility to M.Tech., programs in Mechanical Engineering stream for undergraduate students of Aeronautical / Aerospace Engineering and</p> <p>2. Admission eligibility to M.Tech., programs in Computer Science and Engineering stream for undergraduate students from Information Technology.</p>
Agenda 3.	<p><b>Approval of Scheme of Teaching &amp; Examinations, Syllabus of Following M.Arch., programs</b></p> <p>1. <b>M.Arch., in Digital Heritage and Conservation</b></p> <p>2. <b>M.Arch., in Sustainable Human Habitat</b></p>
Recommendation	<p>Recommended for approval for the Scheme of Teaching &amp; Examinations, Syllabus of Following M.Arch., programs</p> <p>1. M.Arch., in Digital Heritage and Conservation</p> <p>2. M.Arch., in Sustainable Human Habitat</p>
Agenda 4.	<p><b>Approval of Scheme of Teaching &amp; Examinations, Syllabus, and Regulations</b></p>

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	<p><b>Governing the Programs</b></p> <ol style="list-style-type: none"> <li>1. Master of Science in Library Technologies and Management (MSc in LTM).</li> <li>2. Proficiency Courses in Library &amp; Information Science for LIS Professionals for different specializations (Short Term).</li> </ol>																														
Recommendation	<p>Recommended for approval for the Scheme of Teaching &amp; Examinations, Syllabus, and Regulations Governing the Programs</p> <ol style="list-style-type: none"> <li>1. Master of Science in Library Technologies and Management (MSc in LTM).</li> <li>2. Proficiency Courses in Library &amp; Information Science for LIS Professionals for different specializations (Short Term).</li> </ol>																														
Agenda 5.	<p><b>Common admission eligibility criteria for credit-based system students taking admission to PG programs under VTU Belagavi from different colleges affiliated to VTU as well as to other than VTU colleges.</b></p>																														
Recommendation	<p>Recommended for approval as proposed the Minimum grade required for eligibility to Post Graduate programs of University irrespective of the conversion formula of the respective Universities, and the same may be communicated to KEA:  <b>Grade points are 5.75 on a scale of 10 points or equivalent.</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>University</th> <th>Scale of grading</th> <th>Minimum grade required for eligibility</th> <th>% Marks</th> </tr> </thead> <tbody> <tr> <td>VTU and Other Universities</td> <td>10 point scale</td> <td>5.75</td> <td>50</td> </tr> <tr> <td rowspan="7">Other Universities</td> <td>9 point scale</td> <td>5.175</td> <td>50</td> </tr> <tr> <td>8 point scale</td> <td>4.6</td> <td>50</td> </tr> <tr> <td>7 point scale</td> <td>4.025</td> <td>50</td> </tr> <tr> <td>6 Point Scale</td> <td>3.45</td> <td>50</td> </tr> <tr> <td>5 Point Scale</td> <td>2.875</td> <td>50</td> </tr> <tr> <td>4 Point Scale</td> <td>2.3</td> <td>50</td> </tr> <tr> <td>3 Point Scale</td> <td>1.725</td> <td>50</td> </tr> </tbody> </table> <p>(and 5.27 on the scale of 10 points or equivalence for the reservation category ) this applies to the students of Karnataka only.</p>	University	Scale of grading	Minimum grade required for eligibility	% Marks	VTU and Other Universities	10 point scale	5.75	50	Other Universities	9 point scale	5.175	50	8 point scale	4.6	50	7 point scale	4.025	50	6 Point Scale	3.45	50	5 Point Scale	2.875	50	4 Point Scale	2.3	50	3 Point Scale	1.725	50
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Agenda 6.	<p><b>Ratification of swapping of the Professional Training (15/17ARC9.1) and Architectural Design Project (15/17ARC10.1) of B.Arch., program for the academic year 2021-22.</b></p>																														
Recommendation	<p>Ratified the action taken by the University in swapping of the Professional Training (15/17ARC9.1) and Architectural Design Project (15/17ARC10.1) of the B.Arch program for the academic year 2021-22 and recommended for approval.</p>																														
Agenda 7.	<p><b>To approve</b></p> <ol style="list-style-type: none"> <li>1. The change of course name from Domestic Data Entry to Office Executive (Advanced Domestic Data Entry Operator)</li> <li>2. The Updated syllabus of the course, as per the proposed name.</li> </ol>																														
Recommendation	<p>Recommended for approval of the change of course name from Domestic Data Entry to Office Executive (Advanced Domestic Data Entry Operator) and the Updated syllabus of the course, as per the proposed name.</p>																														

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Agenda 8.	Approval of admission eligibility to MBA in Innovation, Entrepreneurship and Venture Development (IEV) program.				
PMK VO	Recommended for approval of admission eligibility and selection procedure of MBA in Innovation, Entrepreneurship and Venture Development (IEV) program as below-				
	Sl. No.	Board	Program	Eligible Under Post Gradates Program	
1	MBA	MBA Innovation, Entrepreneurship and Venture Development (IEV) Programme	<p>A candidate who has passed Recognized Bachelor's Degree of a minimum of 3 years duration examination or equivalent examination and obtained an aggregate minimum of 50% marks taken together in all the subjects including languages in all the years of the Degree Examination is eligible for admission to MBA courses. (45% of marks in Q. E. in case of SC, ST, and Category-I of Karnataka candidates) (Reservation is applicable only for Karnataka Candidates)</p> <p>The candidates must possess an idea / and a proposal to establish a startup or get into the entrepreneurial assignment. Candidates with work experience will be preferred.</p> <p>Reservation for the admission: The policy for reservation for admission to the program would be as per the norms of the State Government</p>		
Recommendation	Aggregate Percentage of Marks =		<table border="1"> <tr> <td data-bbox="901 1086 1556 1176">Sum of the marks scored by the candidate in all the subjects of all the <b>qualifying</b> examinations/semesters X 100</td> </tr> <tr> <td data-bbox="901 1176 1556 1243">Sum of all the maximum marks of all the subjects of all the years/semesters</td> </tr> </table>	Sum of the marks scored by the candidate in all the subjects of all the <b>qualifying</b> examinations/semesters X 100	Sum of all the maximum marks of all the subjects of all the years/semesters
Sum of the marks scored by the candidate in all the subjects of all the <b>qualifying</b> examinations/semesters X 100					
Sum of all the maximum marks of all the subjects of all the years/semesters					
<p>Therefore, the candidates should have obtained 50% of aggregate marks of all the years of the Degree examination (45% of aggregate marks of all the years in the Degree Examination in case of candidates belonging to SC, ST, and Category-I of Karnataka Candidates). Candidates who do not pass in all the subjects in the qualifying examination and candidates who do not possess the academic eligibility will not be eligible for the selection of seats in the respective courses.</p>					
<p>For the candidates whose results are announced in the credit system, the minimum CGPA required to become eligible for admission is 5.75 grades on 10 point scale (or <b>equivalent to 5.75 on a scale of 10</b>). In the case of candidates who belongs to SC, ST, and Category-I the minimum CGPA required become eligible for admission are 5.25 grades on 10 point scale (or <b>equivalent to 5.25 on a scale of 10</b>).</p>					
<p><b>SELECTION PROCEDURE</b></p>					
<p>Merit list for final admission shall be prepared based on combined scores of the following components with weightages as given below:</p>					
<ul style="list-style-type: none"> <li>• Graduation marks (40% weightage)</li> <li>• Case Study (20%)</li> <li>• Personal Interview (30%)</li> <li>• Gender Diversity (5%)</li> <li>• Academic Diversity (5%)</li> </ul>					

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<b>Agenda 9.</b>	<b>To approve the admission eligibility criteria as per AICTE APH-2021-22 and seat selection procedure to B.Plan., program for the students from other than science stream (commerce and art stream students, etc).</b>	
<b>Recommendation</b>	Recommended continuing the same eligibility criteria (as mentioned in APH 2020) from the academic year 2021. Details of admission eligibility criteria is mentioned below--- Passed 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry/ Engineering Drawing/ Computer Science/ Biology/ Technical Vocational subjects. Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) marks in the above subjects taken together. The same may be informed to the concerned.	
<b>Agenda 10a.</b>	<b>Approval of Scheme and Syllabus of post Graduate program,</b> 1. M.Tech., in Data Science and 2. M.Tech., in Artificial Intelligence and Data Science → BE-co-5	
<b>Recommendation</b>	Recommended for approval the Scheme and Syllabus of following M.Tech., programs which are offered from the academic year 2021-22 a) M.Tech. in Data Science b) M.Tech. in Artificial Intelligence and Data Science	
<b>Agenda 10b.</b>	<b>Amendment in Regulation Governing MCA (2018) programs</b>	
<b>Recommendation</b>	Recommended for approval of the addition of the sub-clause to 180MC 14.2, which is mentioned below-	
	<b>180MC14.2 d</b>	Has passed all the Courses (including bridge/audit courses suggested if any) of III to VI semesters in the first attempt only in case of Candidate admitted under lateral entry scheme
<b>Agenda 10c.</b>	<b>Approval of Scheme of Teaching and Examination of 04 years B.Sc. Program with effect from the academic year 2021-22</b>	
<b>Recommendation</b>	Recommended for approval to Scheme of Teaching and Examination of 04 years B.Sc. Program and syllabus of 1 <sup>st</sup> and 2 <sup>nd</sup> -semester syllabus with effect from the academic year 2021-22 with the suggestion to add Biology as one mandatory course.	

*Rang* BE  
 REGISTRAR 30/08/2021

*[Signature]*  
 VICE-CHANCELLOR 30-8-21