

**PROCEEDINGS OF JOINT BOARD OF STUDIES MEETING HELD ON 23rd July,
2020 ON VTU "JNANA SAMVAAD" FLAT FORM**

Time : 11.30 AM

Members Present:

1	Dr. Karisiddappa - Honorable Vice-Chancellor
2	Dr. A. S. Deshpande - Registrar
3	Dr. Satish Annigeri - Registrar (Evaluation)
4	Dr. N. V. R Naidu, Dean Faculty of Engineering, VTU, Belagavi & Principal, M.S.R.T., Bengaluru.
5	Prof. V Keshava Murthy - Academic Advisor , VTU
6	Dr. M. K. Venkatesha, Chairman. BOS in ECE / TCE and Principal, RNS Institute of Technology, Channasandra, Rajarajeshwari Post, Bengaluru - 560 098
7	Dr. Mallikarjuna Holi Chairman Dept. of E & IT, UBDT Engineering College, Davangere
8	Dr. B. E. Rangaswamy,, Chairman BOS in Bio-Technology. of VTU, Belagavi Professor & Head, Dept. of Biotechnology, Bapuji Institute of Engg. & Tech., Shamnoor Road, Davangere - 577004.
9	Dr. H. R. Sudarshan Reddy, Chairman BOS in Electrical & Electronics Engineering. of VTU, Belagavi, Professor, Dept. of Electrical & Electronics Engg., UBDT Engineering College, Davangere - 577 004.
10	Dr. K. B. Prakash, Chairman BOS in Civil / Transportation Engineering. of VTU, Belagavi, Principal, Government Engineering College, Vidyanagar, 'B' Block, 1 st Main Road, Haveri - 581110.
11	Dr. Vadiraj V. Katti, Chairman BOS in Mechanical Engineering. of VTU, Belagavi Principal, Vishwanathrao Deshpande Rural Institute of Tech., Udyog vidya Nagar, Haliyal 581 329.
12	Dr. N. Nagesh, Chairman BOS in Industrial & Production Engineering . of VTU, Belagavi Chairman & Professor, Dept. of Industrial & Production Engineering, UBDT Engineering College, Davangere - 577 004.
13	Dr. Sapna Papu, Chairperson, BOS in Architecture. of VTU, Belagavi Professor, BMS School of Architecture, Off BMSIT Campus, Doddaballapur Main Road, Avalahalli, Yelahanka, Bengaluru - 560 064.
14	Dr. Ramakrishna N. Hegde, Chairman BOS in Automobile Engineering. of VTU, Belagavi Professor & Head, Dept. of Automobile Engineering, Srinivas Institute of Tech., Srinivas Campus, Valachil, Farangipete, Mangaluru.
15	Dr. T. Manjunatha, Chairman BOS in Business Administration. of VTU, Belagavi Chairman & Professor, Dept. of Management Studies, UBDT Engineering College, Davangere - 577 004.
16	Dr. S. K. Maharana, Chairman BOS in Aeronautical Engineering. of VTU, Belagavi Professor & Dean, Dept. of Aeronautical Engineering, Acharya Inst. of Technology, Dr. Sarvapalli Radhakrishna Marg, Solladevanhalli, Bengaluru - 560 107.
17	Dr. Arunkumar B. R., Chairman BOS in MCA. of VTU, Belagavi Professor, Dept. of Computer Applications, BMS Institute of Technology, P.B.No.6443, Doddaballapur Main Road, Avalahalli Yelahanka, Bengaluru - 560 064.
17	Dr. Shreedhara K. S. Chairman BOS in Computer Science & Engineering. of VTU, Belagavi, Professor, Dept of CS/IS Engg., UBDT College of Engineering, Davangere
18	Dr. Umesh B. Deshannavar, Chairman BOS in Chemical Engineering. of VTU, Belagavi Professor & Head, Dept. of Chemical Engineering, KLE Dr. M. S.

	Sheshagiri College of Engg. & Tech., Udyambag, Belagavi - 590 008
19	Dr.H.S.Dayananda, Chairman, BOS in Humanities of VTU, Belagavi & Professor & Head, Dept., of Civil, Vidyavardhaka College of Engineering, Mysuru.
20	Dr. Dinesh Rangappa, BOS in Nano Technology. of VTU, Belagavi Professor, Dept of Nano Technology, VTU Centre for PG Studies, Bengaluru Region, Muddenahalli - 562 101, Chikkaballapura Dist.
21	Dr. K. Fakrudhin, Chairman BOS in Basic Sciences. of VTU, Belagavi Professor & Head, Dept. of Physics, Ghousia College of Engineering, Bengaluru Mysuru Road, Ramanagaram- 562 159
22	Dr. K R Mulla Chairman, BOS in Library and Information Science of VTU, Belagavi Librarian, Visvesvaraya Technological University, Belagavi-590018.

Minutes:

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

The proceedings of Joint Board of studies meeting held on 18-5-2020 which were approved in Executive Council meeting in 27-5-2020 were placed for information.

Agenda 01	Considering 2020-21 Scheme M.Tech.,/MBA/MCA/M.Arch., programmes Syllabus for approval.
Recommendation	The revised scheme and syllabus for Post Graduate programmes for academic session 2020-21 with 88 credits for M.Tech. programmes, 100 credits for M.Arch. Programmes and 100 credits for MBA and MCA programmes were recommended for approval. The Chairman - BOS in MCA was requested to design the Additional Mathematics syllabus as per norms of AICTE.
Agenda 02	Approval of modified regulations of M.Tech., MCA, and MBA programmes as per AICTE Approval Process Handbook 2020-21.
Recommendation	The modifications suggested to regulations of governing the Degrees of M.Tech., MCA, and MBA programmes w.r.t. Audit Courses, conduction of CIE , inclusion of Red Cross activities for

	<p>condonation of shortage of attendance were recommended for approval. However, these modification are uniformly applicable to all post graduate programmes. The matter is recommended for approval from authorities.</p>			
Agenda 03	<p>Approval for the inclusion of following undergraduate Programmes in the eligibility list of admission to M.Tech. in Nanotechnology</p> <ol style="list-style-type: none"> a) BE in Electrical & Electronic Engineering, b) BE in Industrial and Production Engineering c) BE in Industrial Engineering and Management d) BE in Manufacturing Science and Engineering 			
Recommendation	<p>It is recommended to include</p> <ol style="list-style-type: none"> a) Bachelors of Engineering/ Technology in Electrical & Electronics Engineering, b) Bachelors of Engineering/ Technology in Industrial and Production Engineering c) Bachelors of Engineering/ Technology in Industrial Engineering and Management d) Bachelors of Engineering/ Technology in Manufacturing Science and Engineering e) Bachelors of Engineering/ Technology in Electronics & Instrumentation f) Bachelors of Engineering/ Technology Medical Electronics Engineering <p>for admission to M.Tech. in Nano Technology.</p>			
Agenda 04	<p>Offering Undergraduate Programmes at VTU centers</p>			
Recommendation	<p>The following proposals were recommended for approval</p> <ol style="list-style-type: none"> 1. The newly sanctioned under graduate programmes for VTU PG departments shall be titled as : <table border="1" style="margin-left: 20px;"> <tr> <td>1. B.Tech. in Computer Science and Business System</td> </tr> <tr> <td>2. B.Tech. in Robotics and Automation</td> </tr> <tr> <td>3. B.Tech. Mechanical and Smart Manufacturing</td> </tr> </table> 2. These programmes will be of autonomous in nature and will be offered only under VTU departments 3. All these programmes have been approved by AICTE with effect from 2020-21. 4. The scheme and syllabus for these programmes will be designed by the Ad-hoc Board studies to be constituted as per the proceedings of meeting held on 6-7-2020, held under the chairmanship of Hon'ble Vice Chancellor. 	1. B.Tech. in Computer Science and Business System	2. B.Tech. in Robotics and Automation	3. B.Tech. Mechanical and Smart Manufacturing
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Agenda 05	Inclusion of IPR (Intellectual Property Right) as a mandatory credit course in the 3rd year UG programmes (Recommended by the IPR Committee)
Recommendation	<p>a) Recommended in principle to include IPR (Intellectual Property Right) as a mandatory credit course in the 3rd year UG programmes (as recommended by the IPR Committee) during the next revision of syllabus for the session 2022-23.</p> <p>b) This course would be compulsorily offered by affiliated/ constituent and autonomous colleges under VTU.</p> <p>c) It was suggested to revise CIE, SEE and hours of teaching as per VTU Scheme.</p>
Agenda 06	Approval of 3- years Diploma in Mechanical Engineering, Automobile Engineering and Civil Engineering in the eligibility criteria of the admission to 2nd year BE in Aeronautical and Aerospace Engineering programme (later Entry)
Recommendation	After detailed deliberations, it was recommended to request the Government of Karnataka to include Diploma in Mechanical Engineering, Automobile Engineering and Civil Engineering for admission to 2 nd year BE in Aeronautical Engineering and BE in Aerospace Engineering programme under lateral Entry.
Agenda 07	The proposal from Chairman CII (Confederation of Indian Industry)-Indian Green Building Council to conduct the workshop on Green Building for faculty members of Institutions coming under the ambit of VTU and introduction of one course on GREEN BUILDING in UG programmes.
Recommendation	<p>Recommended the proposal from Chairman CII (Confederation of Indian Industry)-Indian Green Building Council to conduct the workshop on Green Building for faculty members of Institutions coming under the ambit of VTU and also for introduction of Certificate Programme for the students of Mechanical Engineering, Civil Engineering and Architecture.</p> <p>The Committee also expressed its happiness for the initiative taken by the University.</p> <p>VTU has already entered into a MOU with IGBC for offering FDPs and certificate programmes for students.</p> <p>It was also opined that, the fees charges may be negotiated.</p>

Agenda 08	Approval of Regulations Governing the Bachelor of Vocation (B.Voc.) degree With Multiple Exit and Entry leading to One Year Diploma in Vocation D.Voc. (Level 5), Two-year Advanced Diploma in Vocation D.Voc. (Level 6), and Three year Degree in Vocation B.Voc. (Level 7). [Under National Skill Qualification Framework (NSQF)]
Recommendation	Recommended for approval the Regulations Governing the Bachelor of Vocation (B.Voc.) degree With Multiple Exit and Entry leading to One Year Diploma in Vocation D.Voc. (Level 5), Two-year Advanced Diploma in Vocation D.Voc. (Level 6), and Three year Degree in Vocation B.Voc. (Level 7) for affiliated and autonomous colleges. [Under National Skill Qualification Framework (NSQF)] These programmes mandatorily need approval of AICTE.
Agenda 09	Approval to start short term certificate course, PG Diploma course in Foundry and design the syllabus for the same
Agenda 10	Approval to provide accreditation and certificate to the skill training courses offered by Jay Bharat Industrial Training Centre - An initiative of Ashok Iron Group.
Recommendation for 9 and 10	It was brought to the notice of committee the Industry Academia efforts to develop the content and curriculum in sync with industry requirements and standard. In this regard the following proposals were placed before the Committee: a) Institution of one year PG Diploma in Foundry /Forge Technology in collaboration with Local industries which are of international repute and b) To offer Certificate programmes in Industry Skill development in collaboration with Jay Bharat Industrial Training Centre - An initiative of Ashok Iron Group. The same will be funded by Karnataka Thanda Development Corporation (KTDCL) Both the proposals were recommended for approval. The Committee appreciated the efforts of the University in this regard.
Agenda 11	Academic Equivalence to B.E. Programmes
Recommendation	The proposal to accede to the request of students to accord academic equivalence certificate for following UG programmes for

employability as given in B.E. Aeronautical Engineering equivalent to B.E. Aerospace Engineering (approved by E.C. vide Res. No. 2.2.4 of 10-1-2020)

S. No	B.E. Course	Considered to be Equivalent to B.E in	E.C. Res. No.
1	Industrial Production & Engineering	Mechanical Engineering	2.2.2 of 22-03-2017 Academically equivalent
2	Automobile Engineering		
3	Tool Engineering		
4	Transportation Engineering	Civil Engineering	
5	Construction Technology & Management		
6	Environmental Engineering		
7	Information Science & Engineering	Computer Science & Engineering	
8	Information Science & Engineering	Information Technology	
9	Electronics & Instrumentation Engineering	Electronics & Communication	

Agenda 12

Institution of One Year Postgraduate Diploma in Cyber Security and Digital Forensics and Six months Certificate programme in Data Analytics- reg..

Recommendation

The following proposals were recommended for approval from authorities:

- a) to institute one year PG Diploma in Cyber security and Digital Forensics and six month certificate programme in Data Analytics in collaboration (by signing an MOU) with TerralogicDGN Consortium, Bangalore was recommended.
- b) These programmes will be autonomous nature and will be offered only under VTU departments

23.7.2020
REGISTRAR

23.7.2020
VICE-CHANCELLOR