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**PROCEEDINGS OF JOINT BOARD OF STUDIES MEETING
HELD ON 31st May, 2021 in ONLINE Mode**

Members Present:

1. **Dr. Karisiddappa**, Hon'ble Vice-Chancellor, VTU Belagavi
2. **Dr. N V R Naidu**, Dean Faculty of Engineering, VTU, Belagavi & Principal, Ramaiah Institute of Technology, Bengaluru.
3. **Prof. A R Upadhya**, Member Academic Senate VTU Belagavi & Former Director NAL Tech. Apt no. CT-0923, Bridge Meadows, Udayapura post, Kanakapura road, Bengaluru-560082 (Special Invitee).
4. **Dr. M K Venkatesha**, 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.
5. **Dr. Vadiraj V Katti**, Chairperson, BOS in Mechanical Engineering and member Academic Senate of VTU, Belagavi.
6. **Dr. Shreedhara K S** Chairperson BOS in Computer Science & Engineering and member Academic Senate of VTU, Belagavi, Professor, Dept of CS/IS Engineering, UBDT College of Engineering, Davangere.
7. **Dr. Mallikarjun Holi**, Chairperson BOS in EI/BM/ML., of VTU, Belagavi & In-charge Principal, UBDT, Davangere - 577004.
8. **Dr. H G Nagendra**, 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.
9. **Dr. H R Sudarshan Reddy**, Chairperson, BOS in Electrical & Electronics Engineering of VTU, Belagavi, Professor, Visvesvaraya Institute of Advance Technology, Muddenhalli, -562101, Chikkaballapur Dist.
10. **Dr. K B Prakash**, Chairperson BOS in Civil / Transportation Engineering and member Academic Senate VTU, Belagavi, Principal, Government Engineering College, Vidyanagar, 'B' Block, 1st Main Road, Haveri - 581110.
11. **Dr. Shashidhar S Ramtal**, Chairperson, BOS in Silk Technology / Textile Engineering, VTU, Belagavi and Principal, Govt. Engineering College, Huvinahadagali.
12. **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.
13. **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.
14. **Prof. V P Tankasali**, Chairperson, BOS in Architecture, VTU Belagavi and Professor, Architecture Dept., BLDEA's V P Dr. P. G. Halakatti College of Engg. & Tech., Ashram Road, Vijayapur - 586 101.
15. **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.
16. **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.
17. **Dr. T Manjunatha**, Chairperson, BOS in Business Administration of VTU, Belagavi, Chairman & Professor, Dept. of Management Studies, UBDT Engineering College, Davangere - 577 004.
18. **Dr. S K Maharana**, Chairperson, BOS in Aeronautical Engineering, VTU, Belagavi Professor & Dean, Dept. of Aeronautical Engineering, Acharya Inst. of Technology, Dr. Sarvapalli Radhakrishna Marg, Solladevanhalli, Bengaluru - 560 107.

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19. **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, Avalahalli Yelahanka, Bengaluru - 560 064.
20. **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.
21. **Dr. H S Dayananda**, Chairman, BOS in Humanities, VTU, Belagavi, Professor & Head, Dept., of Civil Engineering Vidyvardhaka College of Engineering, Mysuru.
22. **Dr. K R Mulla**, Chairman, BOS in Library and Information Science, VTU, Belagavi, Librarian, Visvesvaraya Technological University, Belagavi-590018.
23. **Prof. V Keshava Murthy**, Academic Advisor, VTU, Belagavi.

Members Absent: Nil

Minutes:

Registrar, Dr. A S Deshpande welcomed the Honorable Vice-Chancellor Dr. Karisiddappa, Chairman, Joint Board of Studies, Dean Engineering Prof. N V R Naidu, 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 Dean Engineering, chairpersons of BoS, Special Invitees and requested their active participation, discussions, and fruitful conclusions.

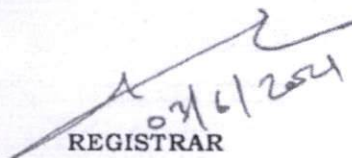
The proceedings of the meeting are as under:

The proceedings of the Joint Board of Studies meeting held on 05.02.2021 approved in the Academic Senate and Executive Council Meeting (held on 16.03.2021) were placed for information. Initiated preparation for the design of curriculum in line with NEP 2020

Agenda 1	To consider the proposal of Air Force Technical College (AFTC) Bengaluru for sanction of M.Tech, in Aeronautical Engineering program (Exclusively for Air Force Officers) and its syllabi with an intake of 25 each for 06 specializations per session (January and July)
Recommendation	Joint Board of Studies accepts the recommendation of Chairperson BoS Aeronautical Engineering made for M.Tech. Aeronautical Engineering for AFTC persons (a program of a national objective). JBoS opined that the subject Aircraft structure should be core instead of part of elective subjects and the number of credits of 1 st semester be reviewed. With these modifications, recommended to approve M.Tech. in Aeronautical Engineering with various specialization for AFTC persons
Agenda 2	Approval of Regulation governing M. Arch., (2020) program
Recommendation	Recommended to approve Regulations governing M. Arch., (2020) programme.
Agenda 3	Approval of Scheme and Syllabus of following programs- <ul style="list-style-type: none"> • B.E. in Artificial Intelligence and Data Science • B.E. in CSE (IoT and Cyber Security with Blockchain Technology) • M. Tech. in Cyber Security

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Agenda 4	To approve the proceeding no.03 of BoS CSE/ ISE meeting held on 08.05.2021
Recommendation 3&4	<p>Recommended to approve the</p> <p>a) Syllabus of B.E. in Artificial Intelligence and Data Science, B.E. in CSE (IoT and Cyber Security with Blockchain Technology), and M.Tech. in Cyber Security, as placed before the committee.</p> <p>b) proceeding no.03 of BoS CSE/ ISE meeting held on 08.05.2021</p> <p>The JBOS further recommended to consider these programmes (UG) as equivalent to B.E. in Computer Science and Engineering as per the recommendation of the CSE / ISE Board of studies.</p>
Agenda 5	Matter for discussion and Decision - The decreasing trend of admissions to Core Engineering programs, restoring sustainability in admissions .
Recommendation	After detailed deliberations, it was recommended that keeping in mind the New Education Policy 2020 and the note of Dr. A R Upadya, the Chairpersons were requested to design the curriculum to attract the students towards core Engineering branches. The same may be carried by interaction with Industries, consulting experts, and obtaining inputs from national bodies and institutions. The technologies used in Industry 4.0 be included in the curriculum.
Agenda 6	<p>Approval of Modified / Updated/ of Existing Syllabus and Addition of Courses</p> <ul style="list-style-type: none"> • Blockchain Technology- for M.Tech., programs in CSE stream • 18ENG65- Building Structure-VI for B.Arch. program • Updated / Modification /additions of Open Elective programs for 6th and 7th semester of B.E., programs • Addition of Professional Electives for 6th and 7th semester of B.E., programs
Recommendation	Recommended placing before Academic Senate and Executive Council for approval.
Agenda 7	Offering Minor Degree programmes to Undergraduate students.
Recommendation	The Minor Courses sample list was presented before the committee and chairpersons are requested to prepare the exhaustive list and submit it to the university for consideration.


REGISTRAR


VICE CHANCELLOR