

**PROCEEDINGS OF JOINT BOARD OF STUDIES MEETING HELD ON 5th February,
2021 in Blended Mode**

Members Present:

- 1 **Dr. Karisiddappa** - Honorable Vice Chancellor, VTU, Belagavi
- 2 **Dr. A. S. Deshpande** – Registrar, VTU, Belagavi
- 3 **Dr. B.E. Rangswamy** – Registrar (Evaluation) , VTU, Belagavi
- 4 **Dr. N. V. R Naidu**, Dean Faculty of Engineering, VTU, Belagavi & Principal, M.S.R.T., Bengaluru.
- 5 **Dr. N C Shiva Parakash**- Special invitee, Professor Emeritus & Advisor to VTU, Belagavi, Retd., Professor of IISc, Bengaluru
- 6 **Dr. R Upadhya**- Special invitee, Member Academic Senate VTU & Vice Chairman, Board of Directors NAL Tech., Kanakapura Road, Bengaluru
- 7 **Prof. V Keshavamurthy** Academic Advisor, VTU, Belagavi
- 8 **Dr. M. K. Venkatesha**, Chairman. BOS in ECE / TCE and Principal, RNS Institute of Technology, Channasandra, Rajarajeshwari Post, Bengaluru – 560 098
- 9 **Dr. Mallikarjuna Holi** Chairman Dept. of E & IT, UBDT Engineering College, Davangere
- 10 **Dr. H G Nagendra**, Chairman BOS in Bio-Technology. of VTU, Belagavi , Prof & Head of Dept. of Bio Technology, Sir M Visvesvaraya Institute of Technology, Bengaluru
- 11 **Dr. H. R. Sudarshan Reddy**, Chairman BOS in Electrical & Electronics Engineering. of VTU, Belagavi, Professor, Dept. of Electrical & Electronics Engg., VIAT, Muddenhalli
- 12 **Dr. K. B. Prakash**, Chairman BOS in Civil / Transportation Engineering. of VTU, Belagavi, Principal, Government Engineering College, Vidyanagar, 'B' Block, 1st Main Road, Haveri – 581110.
- 13 **Dr. Vadiraj V. Katti**, Member Academic Senate VTU, Chairman BOS in Mechanical Engineering. of VTU, Belagavi
- 14 **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.
- 15 **Prof. V.P. Tankasali**, Chairperson, BOS in Architecture. of VTU, Professor Architecture Department, BLDEA's V.P. Dr. Halakatti College of Engineering & Technology, Vijayapura

- 16 **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.
- 17 **Dr. T. Manjunatha**, Chairman BOS in Business Administration. of VTU, Belagavi Chairman & Professor, Dept. of Management Studies, UBBDT Engineering College, Davangere - 577 004.
- 18 **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.
- 19 **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.
- 20 **Dr. Shreedhara K. S.** Chairman BOS in Computer Science & Engineering. of VTU, Belagavi, Professor, Dept of CS/IS Engg., UBBDT College of Engineering, Davangere
- 21 **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
- 22 **Dr.H.S.Dayananda**, Chairman, BOS in Humanities of VTU, Belagavi & Professor & Head, Dept., of Civil, Vidyvardhaka College of Engineering, Mysuru.
- 23 **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.
- 24 **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
- 25 **Dr. K R Mulla** Chairman, BOS in Library and Information Science of VTU, Belagavi Librarian, Visvesvaraya Technological University, Belagavi-590018.
- 26 **Dr. Shashidhar Ramatal**, BOS, Silk Technology/Textile Technology, Belagavi & Principal Govt. Engineering College, Huvinahadagali.

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 is as under:

The proceedings of Joint Board of Studies meeting held on 8th October, 2020 approved in the Executive Council Meeting held on 20-10-2020 (153rd) was placed for information.

Agenda 01

Apprenticeship/Internship Embedded degree programme and considering NEP 2020 for the revision of the syllabus for 2022-23 regarding.

Recommendations

Hon'ble Vice Chancellor enlightened the members on National Education Policy 2020. The Curriculum shall be designed in such way that the same should have knowledge as well skill components. The Assessment Mechanisms should be designed to support the students. The curriculum shall be so designed that it shall be acceptable by industry and society.

Further, Hon'ble Vice Chancellor also placed before Committee the UGC and AICTE Internship guidelines and requested the Chairpersons to follow AICTE Guidelines. He also opined that Internship with industry partnership shall be encouraged.

Dr. N C Shiva Prakash, Advisor, VTU presented the modules of curriculum adopted by few other Universities. He highlighted on the following points:

- a) Awarding Bachelors' Degree with 160 credits and offering Honors/Minor degrees with 20 additional credits.
- b) The students Registering for Honors/Minor degrees shall have minimum CGPA and shall maintain the same throughout the programme.
- c) Models of awarding Certificate, Diploma and Degree
- d) Offering Interdisciplinary, Multi disciplinary and Trans-disciplinary courses.

- e) Inclusion of Course on Biology with 2 credits in I year UG Curriculum

Dr. R Upadya, Academic Senate member addressed the JBOS and suggested the following points:

- a) As AICTE and UGC have different internship guidelines, VTU shall follow AICTE guidelines.
b) MOU with Large as well as MSMEs shall be encouraged.

Dr. N V R Naidu, Dean expressed that the NEP shall be implemented in a phased manner.

Prof. V Keshavamurthy opined that a practical method shall be devised for implementation.

After detailed deliberations it was recommended that the syllabus revision of 2022-23 will have following inclusions:

1. The Bachelors degree will awarded with 160 credits
2. The Honors/Minor degrees with 18 additional credits shall be offered.
3. Internship may be offered at the end of II and IV semester and full-fledged internship shall be offered at V/ VI semester level.
4. Proper assessment and credits for the internship must be devised.
5. The student may be permitted to go abroad or other State for conduction of Internship. However, there will not be any financial commitment from the University.
6. The Curriculum shall be designed to have Interdisciplinary and Multi disciplinary

Hon'ble Vice Chancellor requested all chairpersons to submit the scheme and suggestions for 2022-23 within two months.

Agenda 02

To discuss the lateral entry for diploma students to ANY Branch of the engineering programme as per AICTE APHB 2020-21 page no.121 - letter from Prof. M. R. Doreswamy, Advisor-educational reforms (Cabinet rank) Karnataka Government and letter from Principal Secretary KSHEC Bangalore.

Recommendations

JBOS noted that VTU has already informed the Govt. of Karnataka about the revised entry level qualification for B.E./B.Tech. Lateral entry students as recommended by AICTE.

After deliberations, it was recommended to write a letter to AICTE seeking clarification regarding the eligibility diploma holders from non engineering programmes.

Agenda 03 **To discuss the Technical Degree offered by Professional Bodies / Institutes in the eligibility criteria to the admission to M.Tech.,/ M.E., programs of VTU-as per public Notice of AICTE dated 31.10.2017.**

Recommendations The matter deferred as it is sub -judice.

Agenda 04 **Approval for the inclusion of B.E., in Aerospace Engineering in the eligibility criteria to admission to M.Tech in Aeronautical Engineering**

Recommendations JBOS recommended to include B .E., in Aerospace Engineering in the eligibility criteria for admission to M.Tech in Aeronautical Engineering and M.Tech in Aerospace Engineering.

Agenda 05 **Approval for the inclusion of B.E., in Telecommunication Engineering in the admission eligibility criteria to M.Tech., in Computer Network Engineering**

Recommendations JBOS recommended to include B.E. in Telecommunication Engineering in the admission eligibility criteria fo M.Tech., in Computer Network Engineering, as it is same as B.E. in Electronics and telecommunication Engineering.

Agenda 06 **Approval of Scheme of Teaching and Examination and Syllabus outline of MBA in Innovation Entrepreneurship and Venture Development prepared as per the AICTE start-up policy Implementation Cell and MHRD guideline.**

Recommendations JBOS recommended to offer MBA in Innovation Entrepreneurship and Venture Development through Entrepreneurship Cell as per the scheme and syllabus recommended by AICTE . This programme will be offered at VTU by its NISP Cell. This will be an autonomous programmes offered only at VTU departments and no colleges will be allowed to offer the same , as of now.

Agenda 07 **Approval of Scheme of Teaching & Examination of M.Plan in Smart City Planning (M.Plan-SCP)**

Recommendations JBOS recommended to offer M.Plan in Smart City Planning (M.Plan-SCP) at VIAT, Muddenhalli. This will be an autonomous programme offered only at VTU departments and no colleges will be allowed to offer the same, as of now.

Agenda 08

Approval for the introduction of course "Fundamentals of Occupational Safety and Health" as an elective course with 03 credits for 7th or 8th semester B.E., /B.Tech., programme

Recommendations

JBOS recommended to consider the introduction of the Course "Fundamentals of Occupational Safety and Health" as an elective course with 03 credits during ensuing revision of curriculum as recommended by Chairman BOS in Mechanical Engineering.

Agenda 09

Approval of Syllabus of 5th to 8th semester of B.E., in Artificial Intelligence & Machine Learning programme.

Recommendations

Recommended to approve the Syllabus of 5th to 8th semester of B.E., in Artificial Intelligence & Machine Learning programme.

Any other matter with the permission of the chair

Agenda 10

Syllabus and Scheme for any NEW courses introduced under CSE/ISE Board of Studies regarding

Recommendations

JBOS recommended to approve the recommendations of Board of Studies in Computer Science and Engineering to have Common Scheme and Syllabus from 1st to 4th semester and specialized subjects of new programmes along with necessary laboratories and related elective subjects from 5th to 8th semester.


REGISTRAR


VICE CHANCELLOR