

### The members present

1. **Prof. B.E. Rangaswamy**, Registrar, Visvesvaraya Technological University Belagavi
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. M. S. Govinde Gowda**, 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
4. **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, Dear Academic and Professor, Dept. of Civil Engineering, Atria Institute of Technology, Bengaluru.
5. **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
6. **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
7. **Dr. H.A. Sanjay**, Chairperson, BoS in CSE/ISE for all UG programs of Constituent and affiliated colleges of VTU Belagavi, Professor and Head, Department of Information Science and Engineering Ramaiah Institute of Technology, Bengaluru, Mobile -9342560303, [eMail-sanjay.ha@msrit.edu](mailto:Email-sanjay.ha@msrit.edu)
8. **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
9. **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
10. **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
11. **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
12. **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- nooralabettu@pace.edu.in
13. **Dr. Kallehappa 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.
14. **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,
15. **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 Hirasugar Institute of Technology, Nidasoshi - 591 236. Hukkeri Tq., Belagavi Dist. Mobile- +91 9343454993, eMail- [hod.eee@hsit.ac.in](mailto:hod.eee@hsit.ac.in),
16. **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
17. **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@git.edu
18. **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

### The members absent:

1. **Dr. B Sadashive Gowda**, Dean Faculty of Engineering, VTU, Belagavi & Principal, Vidya Vardhaka College of Engineering, Gokulum 3<sup>rd</sup> Stage, Mysuru. Mobile-+91 9945650016, e\_mail- [sadashivegowdab@gmail.com](mailto:sadashivegowdab@gmail.com)
2. **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](mailto:nmbiradar@gmail.com)
3. **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](mailto:gsappincipal@gopalancolleges.com)
4. **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](mailto:meghanak@vtu.ac.in), [meghanaklkrn@gmail.com](mailto:meghanaklkrn@gmail.com), [ece@vtu.ac.in](mailto:ece@vtu.ac.in)

Prof. B.E. Rangaswamy, Registrar, VTU Belagavi welcomed, Hon'ble Vice Chancellor Prof. Dr. Vidyashankar S. and chairpersons of the various Board of Studies. He briefed about the agenda of the meeting and requested the Hon'ble Vice-Chancellor to chair the meeting and conduct the proceedings.

Prof. Vidyashankar welcomed all the members of JBOS and requested their active participation and explained the importance of the formula handbook/s as below-

1. **Quick Reference:** Formula handbooks provide a quick and easy reference for essential formulas, equations, and key concepts in a particular subject. This can be particularly helpful during exams or when working on complex problems, allowing individuals to save time and avoid the need to memorize every formula.
2. **Efficiency:** Having a formula handbook promotes efficiency in problem-solving. Instead of spending time trying to recall specific formulas, individuals can focus on the application of these formulas to solve problems accurately and efficiently.
3. **Reduced Memorization Stress:** In fields where numerous formulas are required, such as mathematics, physics, engineering, and chemistry, a formula handbook helps alleviate the stress associated with memorizing a large number of equations. This allows learners to concentrate on understanding the underlying principles and concepts.
4. **Standardization:** In some professions, especially in engineering and sciences, a standardized set of formulas may be used. A formula handbook ensures that everyone is working with the same set of equations and calculations, promoting consistency and standardization in problem-solving approaches.

#### Agenda:

##### **01 About the preparation of formula handbooks for 3<sup>rd</sup> and 4<sup>th</sup> semesters of engineering programs.**

The Hon'ble Vice-Chancellor took the review about the requirement of the formula handbooks for 3<sup>rd</sup> and 4<sup>th</sup> semesters of various engineering programs with all chairpersons of the board of studies of VTU Belagavi

**Proceeding:**

1. While other board chairpersons have stated that there are no requirements for formula handbooks for the second year, the Electronics and Communication

Engineering and Electrical & Electronics Engineering Board of Studies will confer with their members and prepare the formula handbook required for the third and fourth semester courses.

2. In addition to providing an update on the state of the formula handbook for mathematics courses across all engineering stream programs, the Chairperson BoS in Basic Science and Humanities said that books may be released in time for exams.
3. The Chairperson of the Board of Studies in Computer Science and Engineering for Postgraduate Programs mentioned that the MCA program requires a formula handbook for mathematics courses, and the Chairperson of the Board of Studies in Basic Science and Humanities consented to create one.

**02 Modification of the final year (7<sup>th</sup> and 8<sup>th</sup> semesters) scheme and allowing students for internship-based project work in their final year of study.**

**Proceedings:**

Mentoring is an important and reciprocal connection that benefits both teachers and students and helps the organization to succeed in many ways. Speaking on the value of mentoring, The Hon'ble Vice-Chancellor recommended modifying the engineering programs' seventh and eighth-semester scheme for 2022 in accordance with UGC guidelines regarding academic collaboration. The following suggestions are made for consideration;

1. Interested students may be permitted to go for an internship for a one-year duration leading to the completion of the project work.
2. Allowing the courses that are listed with project work in the VII/VIII (swapped) semester to be completed in an online mode
3. The students may be permitted to take up these courses well in advance (in the 6<sup>th</sup> semester) to complete the courses within the academic duration of the program.
4. All the chairpersons are requested to think about the above-mentioned points and suggest suitable modifications in the scheme of 7<sup>th</sup> and 8<sup>th</sup> semesters.
5. The committee with major engineering stream chairpersons will be formed to finalize and suggest the draft modified scheme for the 7<sup>th</sup> and 8<sup>th</sup> semesters of the 2022 scheme.

Similarly, it is informed to all the chairpersons of PG programs to consider the one-year internship leading to the completion of the project work while preparing the scheme and syllabus for all postgraduate programs in the next revision (2024).

**.The meeting ended with thanks to the chair**

**Registrar  
VTU Belagavi**

**Hon'ble Vice Chancellor  
VTU Belagavi**