The following are the proposed modalities for the conduct of June, 2022 **Term End Practical Examinations virtually and projects evaluation through online mode for approval:**

Modalities for conducting the Term End Practical (TEP) Examinations virtually for MCA, MCA_NEW, MCAOL, BCA, BCAOL, PGDCA, PGDCA_NEW, CIT, CITOL and CMAD practical courses of SOCIS:

The students eligible to appear for the practical examinations are those who qualify the criteria set by SED for appearing in Term End Examinations (TEE), June 2022 and have applied for appearing in Term End Practical Examinations. The following are the modalities to be adopted for conduct of **Term End Practical Examinations (TEPE), virtually:**

(i) The term end practical examinations will be conducted purely in virtual mode through web conferencing/ video conferencing mode, without inviting any student physically to the Study Centre / Examination Centre.

(ii) There is no necessity of asking the student to write code/program, however, their knowledge and skills, subject understanding may be evaluated through **viva-voce only.**

(iii) The practical courses which consist of more than one section (for example MCSL-017, MCSL-025, MCSL-036, MCSL-045, MCSL-054, BCSL-091, MCSL-205, MCSL-204, MCSL-216, MCSL-222, MCSL-223, MCSL-229, MCSL-210, etc.), the student needs to appear in the section(s) in which s/he is not yet successful. Section-wise marks should be awarded as was done earlier. There is no change.

(iv) The viva-voce examination should be conducted virtually under the supervision of the Exam Centre Superintendant as per existing norms of the University conducting TEP. The attendance and the award list should be filled as was done earlier by the respective examiners. The video conferencing meeting for the viva-voce for TEP examination should be hosted by the Exam Centre Superintendant in coordination with RC.

(v) All the web-conferencing / video conferencing sessions need to be recorded for future reference (if any).

(vi) **Viva Voce Coverage**: Questions for the Viva-voce will be covering the syllabi of the practical course. The scope of the viva-voce questions should be around the current semester practical assignments.

(vii) **Time:** On an average, the viva-voce expert may conduct viva-voce of **(maximum) 20 students in 2 ½ hours** duration.

(viii) **Marks:** The TEP Examination for all the practical courses of SOCIS will be conducted virtually through the viva-voce only. Examiners will conduct the viva voce and award the marks based on the performance of the student in the viva-voce. There won't be any physical writing or execution of the program or code by the student. Passing criteria / Maximum marks etc., for each practical course will remain the same and there won't be any change.

(ix) Examiners for the conduct of TEP should be appointed from the existing approved panel of the examiners, as was done earlier and there is no change in procedures of appointing the external examiners.

(x) Examiners will forward the award lists, attendance sheets, bill forms etc., to the Exam Superintendant (duly signed, scanned and converted to PDF) through email. These will be further sent to the RC / SED as per the existing practice by the Examination Centre Superintendent. There is no change in this process.

(xi) All the RCs in consultation with the examiners and superintendants may decide the schedule of the TEP examination and follow them to complete all the processes at the earliest so as to declare the result at the earliest by the University as decided by the Competent Authority.

(xii) The viva-voce schedule should be communicated to Registrar, SED with a copy to Director (RSD) and Director (SOCIS).

(xiii) The Honorarium should be paid to all the concerned as per the University norms.

(xiv) RCs may have their own schedules as per their convenience. The TEP examinations may be started as early as possible and should be completed latest as suggested by Registrar (SED) for all the practical courses of MCA, MCA_NEW, MCAOL, BCA, BCAOL, PGDCA, PGDCA_NEW, CMAD, CIT and CITOL.

The list of courses for which Term End Practical Examinations are to be conducted is attached as Annexure-B.

Modalities for conducting the Project Evaluation for MCA (MCS-044 & MCSP-060) and BCA (BCSP-064) Project Courses of SOCIS:

The students eligible to appear for the project course evaluation of MCA and BCA are those who qualify the criteria set by SED for appearing in Term End Examinations (TEE), June, 2022 (**and have duly submitted the Project Report**). The project evaluation/viva-voce shall be done in **online mode** as was conducted for December, 2021 TEE.

(Prof. P.V. Suresh)
Director, SOCIS

Practical/Lab Courses for MCA Programme (3 yrs duration)

MCSL-016 Internet Concepts and Web Design
MCSL-017 C and Assembly Language Programming Lab
MCSL-025 Lab (Based on MCS-021, 022, 023 and 024)
MCSL-036 Lab (based on MCS-032, 034 and 035)
MCSL-045 Lab (UNIX & Oracle)
MCSL-054 Lab (based on MCS-051 and 053)

Practical/Lab Courses for MCA_NEW Programme (2 yrs duration) and MCAOL

MCSL-216 DAA and Web Design Lab
MCSL-217 Software Engineering Lab
MCSL-222 OOAD and Web Technologies Lab
MCSL-223 Computer Networks and Data Mining Lab
MCSL-228 AI and Machine Learning Lab
MCSL-229 Cloud and Data Science Lab

Practical/Lab Courses for PGDCA Programme

MCSL-016 Internet Concepts and Web Design
MCSL-017 C and Assembly Language Programming Lab
MCSL-025 Lab (Based on MCS-021, 022, 023 and 024)

Practical/Lab Courses for PGDCA_NEW Programme

MCSL-204 Windows and LINUX Lab
MCSL-205 C and Python Lab
MCSL-209 Data Structure and Algorithms Lab
MCSL-210 DBMS and Java Lab

Practical/Lab Courses for BCA-revised Programme and BCAOL

BCSL-013 Computer Basics and PC Software Lab
BCSL-021 C Language Programming Lab
BCSL-022 Assembly Language Programming Lab
BCSL-032 C++ Programming Lab
BCSL-033 Data and File Structures Lab
BCSL-034 DBMS Lab
MCSL-016 Internet Concepts and Web Design
BCSL-043 Java Programming Lab
BCSL-044 Statistical Techniques Lab
BCSL-045 Algorithm Design Lab
BCSL-056 Network Programming and Administration Lab
BCSL-057 Web Programming Lab
BCSL-058 Computer Oriented Numerical Techniques Lab
BCSL-063 Operating System Concepts and Networking Management Lab

Practical/Lab Course for CIT & CIT (Online) Programmes

CITL-001 Laboratory Course

Practical/Lab Course for CMAD Programme

BCSL-091 Laboratory Course (based on BCS-092, BCS-093, & BCS-094)

P.V.M 17/12/22
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निदेशक / Director
कम्प्यूटर एवं सूचना विज्ञान विद्यापीठ / SOCIS