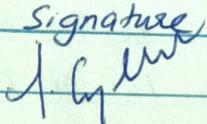
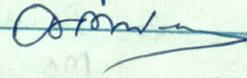
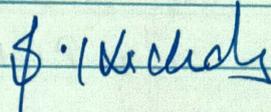


Board of Studies in Computing held on
30-7-2022 M.Sc (SS), M.Sc (DS), M.Sc (DLS), M.Sc (AI/ML)
30th July 2022

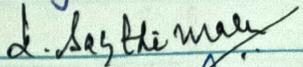
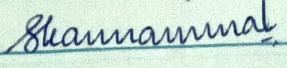
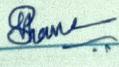
Board of Studies meeting held on 30.7.2022
Saturday from 9.30 am onwards for the
following courses.

1. M.Sc (Software Systems)
2. M.Sc. (Data Science)
3. M.Sc. (Decision and Computing Sciences)
4. M.Sc. (Artificial Intelligence and Machine Learning)

External Members:

- | | | Signature |
|--|-----|---|
| 1. Dr. J. Cynthia - University Nominee | - |  |
| 2. Dr. Parasuram Balasubramaniam - Expert Member
(Industry) | |  |
| 3. Dr. Arun Rajagopalan | - " | |
| 4. Mr. Vengadanathan | - " | |
| 5. Dr. M. Mathirajan - Expert Member
(Academics) | | |
| 6. Dr. U. Dinesh Kumar | - " | |
| 7. Dr. S. Nicholas | - " |  |
| 8. Dr. R. Krishnamoorthy | - " | |
| 9. Dr. K. Vivekanandan | - " | |
| 10. Dr. G. Zeyaraj | - " | |

Internal Members

- | | | Signature |
|---------------------------------|--|---|
| 1. Dr. K. Sakthimala - Chairman | |  |
| 2. Dr. S. Suganthi - Member | |  |
| 3. Dr. A. Kannammal - " | |  |
| 4. Dr. J. Shana - " | |  |
| 5. Dr. R. Jeyarani - " | |  |

- | | | | | |
|-----|-----------------------------|---|--------|--------------------|
| 6. | Dr. N. Yamuna Devi | - | Member | Janus |
| 7. | Dr. S. Manjula Gandhi | - | " | Manjula |
| 8. | Dr. D. Sudha Devi | - | " | A. S. D. |
| 9. | Dr. A. Saravanan | - | " | Ami |
| 10. | Dr. L. Umarani | - | " | Umarani |
| 11. | Mrs. V. Shanthi | - | " | V. Shanthi |
| 12. | Dr. A. D. Chitra | - | " | A. D. Chitra |
| 13. | Dr. D. Arandhi | - | " | A. Arandhi |
| 14. | Dr. M. Sindya | - | " | M. Sindya |
| 15. | Dr. D. Manju | - | " | D. Manju |
| 16. | Dr. P. Anna | - | " | P. Anna |
| 17. | Dr. M. Umarani | - | " | Umarani |
| 18. | Dr. M. Sujithra | - | " | M. Sujithra |
| 19. | Dr. T. N. Sugumar | - | " | - |
| 20. | Dr. N. Priya | - | " | - |
| 21. | Dr. S. Deivarani | - | " | S. Deivarani |
| 22. | MS. K. H. Vani | - | " | K. H. Vani |
| 23. | Dr. V. Keerthika | - | " | V. Keerthika |
| 24. | Dr. M. Marimuthu | - | " | Marimuthu |
| 25. | Dr. S. Gayathri Devi | - | " | S. Gayathri Devi |
| 26. | Dr. S. Chandira | - | " | S. Chandira |
| 27. | Dr. P. Velradina | - | " | P. Velradina |
| 28. | Dr. V. Radhamani | - | " | V. Radhamani |
| 29. | Mrs. J. Rathika | - | " | J. Rathika |
| 30. | Dr. C. Stanly Felix | - | " | Stanly Felix |
| 31. | Dr. E. Chandra Blessie | - | " | E. Chandra Blessie |
| 32. | Dr. S. B. Mahalakshmi | - | " | S. B. Mahalakshmi |

30/7/2022
 30/7/2022

The following members expressed their inability to attend the BOS meeting.

1. Dr. Arun Rajagopalan
2. Mr. Vengadanathan
3. Dr. M. Mathilajan
4. Dr. U. Dinesh Kumar
5. Dr. R. Krishnamoorthy
6. Dr. K. Vivekanandan
7. Dr. G. Zeyaraj
8. Dr. R. Jeyarani
9. Dr. T. N. Sugumar.
10. Dr. N. Priya

L. Laxthi Nela
Chairman
Board of Studies

M.Sc. Data Science

The Board has discussed and passed the Courses of Study and Syllabi for Semesters III, IV, V, and VI of Five Year Integrated M.Sc. Data Science programme, applicable for the students admitted during 2021-22 and subsequently.

The following recommendations were given by the members of the Board of Studies:

1. Dr. S. Nickolas suggested renaming 21MDS33 - Computer Architecture and Operating Systems as Operating Systems.
2. Dr. J. Cynthia suggested the inclusion of 'Introduction to transaction processing' in the course 21MDS34-Database Systems.
3. Dr. Parasuram BalaSubramaniam specified the importance of the course, 'Human-Machine interaction' and advised it to be offered as a core course/module.

M.Sc. Decision and Computing Sciences

Dr A Kannammal presented the proposed curriculum of Five Year Integrated M.Sc Decision and Computing Sciences for the students admitted during 2022-23 and subsequently.

- A. The Board has discussed and passed the Courses of Study and Syllabi for Semesters I and II of M.Sc. Decision and Computing Sciences programme.
1. Dr. J.Cynthia suggested changing the prerequisites for the first semester courses to "Nil" instead of "Consent of the Instructor".
 2. Dr. J Cynthia recommended giving more weightage to Web application development in "22MDC18 - Foundations of Computer Science Laboratory" than to basic Word and PowerPoint applications.
 3. Dr. P.Balasubramaniam suggested including the concept of "Human Parity" in Management courses in the higher semesters.
 4. Dr. S. Nickolas suggested changing the title of the course "22MDC24- Computer Systems" to "Computer Organization and Operating Systems"
 5. Dr. J Cynthia suggested including exercises that use advanced python packages required for Data Science in "22MDC27 - Python Programming Laboratory".
 6. Dr. J Cynthia put forward having "Industrial IOT" as a course that includes the practical version of the IOT concepts.

7. Dr P Balasubramaniam suggested introducing a course on "Human-Computer Interface and Interaction" and its associated Laboratory in the curriculum.
 8. Dr P Balasubramaniam recommended including digitization in the "Controlling" part of the "22MDC 14 Principles of Management" course.
 9. Dr. P Balasubramaniam suggested changing "Software Testing and Quality Assurance Laboratory" to "Software Engineering Laboratory", and including the software design part.
- B. Inclusion of an elective course named, 17MDCE52 Advanced Machine Learning for the students admitted from 2018- 2019 to 2021-2022, was approved.

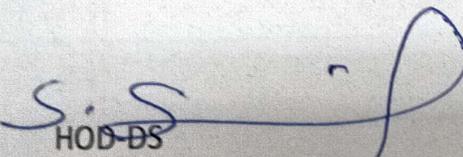
M.Sc. Artificial Intelligence and Machine Learning

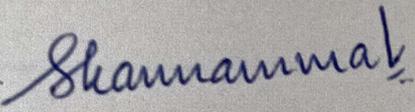
Dr. J Shana proposed to include 2 one-credit courses namely, 19MAMOC02 Basic Java Programming and 19MAMOC03 Object Oriented Programming in C++.

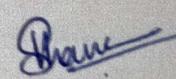
1. Dr. Nickolas and Dr.Cynthia suggested having a single course on object-oriented programming, with C++ or Java and it was finalized to introduce 19MAMOC02- JAVA PROGRAMMING as a one-credit course for students admitted during 2019-20 onwards.
2. Dr. Nickolas recommended including the latest edition or latest books for textbooks and references.

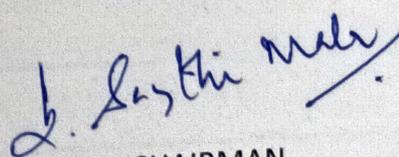
M.Sc Software Systems

The Board has discussed and finalized the M.Sc (Software Systems) Regulations for the students admitted during 2020-2021 and subsequently.


HOD-DS


HOD - DCS


HOD - AIML


CHAIRMAN
Board of Studies-Computing