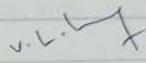
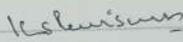
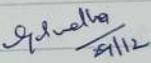
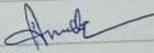
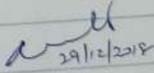
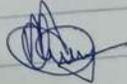


The Board of Studies Meeting for B.Tech(IT) was held on 29th December 2018 at

MEMBERS PRESENT

1. Dr. N. R. Karthikeyan Chairman 
2. Prof. K. S. Palanisamy Member 
3. Dr. Dhananjay Kumar University Nominee 
4. Dr. G. Sudha Sadasivam Member 
5. Dr. Annappa Member 
6. Dr. K. Vivekanandan Member PREOCCUPIED
7. Ms. Chozhan Member
8. Mr. P. R. Rangaswami Member 
9. Dr. Arun Sundararaman Member 
10. Dr. Rangaraja Gopal Member 
11. Dr. R. prabhakar Special Invitee PREOCCUPIED

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12	Dr. G. Kousalya	Special Invitee	G.K.V	
13	Dr. M. Rajalakshmi	Member	PREOCCUPIED	1.
14	Dr. M. Sangeetha	Member	M.H.G	
15	Dr. V. Jayanthi	Member	PREOCCUPIED	
16	Mrs. N. Anitha Devi	Member	N.A.	2.
17	Mrs. K. Malavizhi	Member	M.H.	
18	Ms. S. Poomma	Member	P.	
19	Mr. C. Murale	Member	C.M.	3.
20	Mrs. R. Sandhya	Member	PREOCCUPIED	
21	Dr. E. Azul	Member	S.A.	1.
22	Mrs. N. Geetha	Member	C.G.N	
23	Mr. N. Selvanuthu Kumaran	Member	N.S.K.	

The following suggestions were made by the Board of Studies members

1. Prof. K. S. Palanisamy, the Joint Coordinator of CSE & IT, welcomed the Anna University Nominees, Experts from Industry & Academia and the Internal BOS Members for the meeting.
2. The Head of the Department, Dr. N. K. RathiRoyan informed the members that the draft version of the Proposed R2019 Curriculum had been framed taking into consideration the AICTE Recommended Model curriculum.
3. To start with, discussions held with respect to Proposed SOS and Syllabus for the 1st and 2nd Semester (B.E / B.Tech courses).
4. Expert suggestions are invited regarding the Engineering Mathematics topics to be covered in the first four semesters like Calculus, Matrix and Linear Algebra, Differential Equations, Probability and Statistics and their relevance to the emerging fields of Artificial Intelligence and Machine Learning.
5. Mr. P. R. Ranganarami from Bushido Infotech suggested that students should learn matrix algebra in mathematics subject before learning differential calculus.

6. Mr. P.R. Rangaswami suggested that instead of "Programming for Problem Solving" the title may be changed as "Problem Solving Techniques".
7. Dr. Dhnanjay Kumar from Anna University suggested that all core courses shall be allotted uniformly with 3 credits.
8. Dr. Annappa from NIT, Surathkal suggested that Python language shall be used in "Data Structures" Laboratory.
9. The Academic Experts Preferred to have the "Software Engineering" subject as core course instead of elective. All the Industry Experts also emphasized the same.
10. Dr. Annappa suggested that Software Engineering may be offered in 4th or 5th semester instead of 6th semester.
11. In connection with the discussion on the proposed course/subject "Innovative Practices"
 - a. Dr. Annappa suggested to invite industry persons for monitoring the students progress in the "Innovative Practices" subject/course.
 - b. The Academic Experts suggested that the objective for "Innovative Practices" should be defined and it should be monitored continuously by mentors.
 - c. The Industry Experts, Mr. P.R. Rangaswami and Dr. Rangaraja Gopal emphasized the need for

quantifying the framework and the evaluation process needed for "Innovative practices"

12. The Academic Experts suggested keeping both "Data Analytics" and Data "mining" as core courses.
13. The Academic Experts suggested that security related courses like "Information Security" may be made as core courses.
14. In connection with discussion on "Machine Learning", Dr. Phanarjay Kumar suggested that.
 - a. Machine learning can be included as a unit in Data Mining (theory and Lab) instead of offering as separate course.
 - b. Detailed coverage on Machine Learning can be included as separate elective course.
 - c. Instead of having a separate Machine Learning Laboratory, a Data Analytics laboratory with Machine Learning component can be introduced.
15. Online courses like NPTEL may be given as one credit course.
16. The Academic Experts suggested that open source tools can be used in Software Engineering Laboratory.
17. Dr. Anun Sundararaman from Accenture Services suggested that "DevOps" can be included as a topic / separate course in Software Engineering.

related courses

18. The Academic Experts suggested that "Agile Technologies" course may be included as an elective.
19. Dr. Anun Sundararaman suggested that application of "Agile Technologies" and "DevOps" be encouraged in mini projects.
20. Dr. Anappa suggested that instead of separate Software Engineering Laboratory, mini projects can be implemented using Software Engineering laboratory components and tools.
21. Dr. Dhnanjay Kumar suggested that Entrepreneurship course in R2019 can be made as one credit instead of a 3 credit course.
22. It is also suggested that "Internet of things and use cases" can be included as Professional Elective.
23. The Industry Experts Mr. P. R. Rangaswami and Dr. Rangaraja Gopal suggested that instead of offering CRM and ERP as separate course they can be combined as a single course "Enterprise Application".

24. Dr. Dhnanjay Kumar suggested that the courses currently in demand can be included in electives.
25. Dr. Annappa suggested that "Electronic Circuits" may be removed.
26. Dr. Dhnanjay Kumar suggested that Mobile Application Development Laboratory with its components like chatBot should be included as core laboratory.
27. Dr. Arun Sundararaman suggested that "Block chain" course / subject can be included as elective.
28. Dr. Dhnanjay Kumar suggested that courses like "web Technology", "Multimedia" and "Mobile Application Development" shall be included as core courses for IT.
29. Dr. Dhnanjay Kumar suggested that "Embedded Systems" can be included as a core course and Microprocessor can be covered as one of the topics/unit in the same instead of separate course.
30. Dr. G. Sudha Sadarivam from PSG College of Technology suggested that "Cryptography and Network Security" shall be included as core course/subject.

31. Industry Members preferred to have "Software Project Management" as a core subject.
32. Dr. N. K. Karthikeyan, Head of the Department (IT) and Prof. K. S. Palanisamy, Joint Coordinator thanked the members for sparing their valuable time and assured to carry out the experts suggestion to the extent possible.
33. Members concurred obtained to effect changes in POs to align them with graduate attributes.

N.L. ✓

Chairman

[Dr. N. K. Karthikeyan]