



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

DEPARTMENT OF INFORMATION TECHNOLOGY

Minutes of Meeting –First Draft –BoS –3rd May, 2021

MINUTES OF THE 2nd ONLINE MEETING

BOARD OF STUDIES OF INFORMATION TECHNOLOGY

DATE: 3rd May, 2021, Monday

Time: 11:00 AM –1:00 PM

PLATFORM : Microsoft Teams App

Meeting Link: <https://teams.microsoft.com/l/meetup-join/19%3a58256630005c4b23a74287b7f3dd7d8d%40thread.tacv2/1619964145355?context=%7b%22Tid%22%3a%222666d919-f1fc-4027-b9c5-212d4e95e68a%22%2c%22Oid%22%3a%22d31ad16e-8898-438a-a6a4-c678e75be5ee%22%7d>

IN ATTENDANCE:

S.No	Name of the Expert	Designation	Capacity
1	Dr. C.Deisy, M.E., Ph.D.,	Professor, Department Information Technology, Thiagarajar College of Engineering, Madurai.	Anna University Nominee
2	Dr. A.Kandasamy, M.Sc., Ph.D.,	Professor Department of Mathematical and Computational Sciences, National Institute of Technology, Karnataka, Suratkal.	Academic Council nominated BoS Members
3	Dr. R.Rajesh, M.E., Ph.D.,	Associate Professor Department of Computer Science and Engineering Central University of Kerala, Kasaragod.	



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4	Dr. K.Poyyamozi, M.C.A., Ph.D.,	Principal Program Manager, Norton E-Business, Chennai.	Industrialist
5.	Er. B.Selvakumar. M.E., Ph.D (pursuing).,	Assistant Professor (Sr, Gr.)/CSE, Mepco Schlenk Engineering College, Sivakasi.	Alumni

FACULTY MEMBERS OF INFORMATION TECHNOLOGY - MEMBERS

S.No	Name of the Faculty	Designation
1	Dr. P. Subathra	Chairman / HoD- IT
2	Dr. E.Vakaimalar, M.E., Ph.D.,	UG Programme Co-ordinator
3	Dr. M.Chengathir Selvi, M.C.A.,M.Phil.,M.E., Ph.D.	Assistant Professor / IT
4	Dr. R.Arthy, M.E., Ph.D	Assistant Professor / IT
5	Ms. P.Antony Seba, M.E., Ph.D (pusing).,	Assistant Professor / IT
6	Ms. D.Kayathri Devi, M.E., Ph.D (pursuing).,	Assistant Professor / IT
7	Ms.V.Deepa Priya, M.Sc, M.E., Ph.D (pursuing).,	Assistant Professor / IT
8	Mr. D.Vendhan, M.Sc (SE), M.Tech., Ph.D (pursuing).,	Assistant Professor / IT
9	Ms. P.Kaviya, M.Tech.,	Assistant Professor / IT



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THE MINUTES:

The meeting is convened for framing the Undergraduate curriculum & syllabi for R2020 of the Department of Information Technology.

DISCUSSIONS:

1. Dr.P.Subathra, Chairman/BoS/ IT Board convened the second online Board of Studies meeting on 03.05.2021 from 11.00 am to 1.00 pm.
2. She highlighted the agenda of the session
3. Mrs. D. Kayathri Devi, AP/IT the Board of Studies in-charge of the IT department welcomed the gathering.
4. Dr. P. Subathra presented the PEO, PSO statements of the department of information technology for the proposed curriculum and sought the approval from the BoS Members. BoS members (Dr.K.Poyyamozi, Dr.C.Deisy, Mr.B.Selvakumar) suggested on having an additional PSO to reflect team work and entrepreneurial capabilities
5. Dr. P. Subathra-presented the gist of the Proceedings of 1st Academic Council Meeting held on 17th July 2020 to the experts where the Curriculum R2020 of the department of Information Technology was approved
6. The highlights of the discussion are as follows:



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<p>Recommendations from the Governing Body and Academic Council for Framing UG Curriculum:</p>	<ol style="list-style-type: none"> 1. Credit range: 165 –170 2. 20 –24 credit per Semester. 3. VIII Sem Project Work: 8 –10 credits 4. Online Course (Maximum 6 credits) 5. Audit Course (Mandatory non credit) 6. First semester is common for all Programmes 7. First year credit range : 40 –42 8. Engineering Graphics course to be given in II Semester 9. Programme specific papers could be offered in II Semester. 10. AICTE & AU 2019 curriculum could be taken as base for framing the department’s curriculum. 11. III Semester Mathematics (Programme specific) Mandatory
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7. Dr. P. Subathra, presented the proposed R2020 - Syllabus for the Curriculum that was framed in the first BoS and approved by the Academic Council.
8. Dr. R.Rajesh, M.E., Ph.D., AC member nominee had technical issues in connecting to the meeting every after trying for a number of times. The chairman then sought the permission of the BoS members to conduct the meeting in his absence and later his suggestions and approval could be sought by sending the recorded video of the Second BoS meeting. The BoS members approved the same and the meeting continued.

Comments for R2020 - Syllabus

Semester 3

- Dr.K.Poyyamozi enquired if the syllabus is framed to equip the students to students to take up competitive exams like NET, SLET and GATE. The Chairman Dr. P. Subathra clarified that the syllabi is framed with enough care to cover most of the subjects available in the GATE examination and hence it would enable the students to take up GATE examination.



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- Dr. C. Deisy verified if the syllabus framing and the course handling of Electronics related paper are done by the faculty members from the department of Electronics and Communication Engineering (ECE). The Chairman Dr. Subathra clarified that it will be done by the faculty members from the department of ECE. Dr. C. Deisy suggested ensuring the Course Outcomes of such courses to be aligned with that of the Department of Information Technology.
- Dr.K.Poyyamozhi threw light on the job opportunities available for the students in the domain of IT infrastructure, which demands expertise in hardware and hence he insisted on framing the hardware based courses so that the students meet out such requirements too.
- Professor A. Kandasamy commented on the course entitled “Listening and Speaking”. He opined to change the name of the course to include words like “Technical Communication”, so that it would better reflect the content of the course. The Chairman assured that this would be communicated to the Department of English for further processing.
- Dr. C.Deisy suggested to frame the curriculum of IT, CSE and AI&DS such that they are all differentiated from each other. She also insisted on the PEOs and PSOs of the departments to reflect the same. Dr.P.Subathra assured to ensure this with further discussion with those departments.

Semester 4

- Dr.C. Deisy suggested adding the latest database concepts like Mongo DB in Database Management System subject. She also insisted to add the latest topics like DevOps somewhere in the subjects. She clarified that if the Operating System lab whether there is a provision to understand about Linux platform.



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Dr.M.Chengathirselvi assured that enough exercises are included in the syllabus to expose the students to the Linux platform.

- Professor. A. Kandasamy suggested not to limit the topics for mini project. He suggested on having the topic of mini project to be open ended so that students may comeout with innovative interdisciplinary project ideas. Dr.P.Subathra agreed upon this.
- Mr.B.Selvakumar suggested that there is no need to mention the pre-requisite explicitly for the core courses since all the students will be undergoing them. Professor A. Knadasamy gave a different line of though where in if the prerequisites are mentioned in all the courses, it would help the students from other departments who wish to take these courses as audit courses/open electives. Dr. P. Subathra conveyed that in the current regulation a separate set of audit courses have been framed for the entire institution by the Dean academics and she also assured to consider the same in future where the students of other departments are given provision to take up any course as an audit course.
- Dr. C. Deisy and Mr. B. Selvakumar advised to review the text book prescribed for all the subjects and ensure the latest editions are included.

Semester 5

- Mr. Selvakumar pointed out that the syllabus for Computer Network is framed as bottom up approach while the test book follows the top down approach. Hence he suggested on changing the text book that follows a bottom up approach. He also suggested adding network design tools like CISCO Packet Tracer in Networks Lab.
- Mr. B. Selvakumar suggested in including topics like JSON processing, JQuery and Java framework in the theory and laboratory courses of Web Technology.
- Dr. C. Deisy insisted on benchmarking the syllabi of this curriculum with the syllabi of reputed institution like NITs, IITs and other universities.

Semester 6



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- Professor. A. Kandasamy suggested give provision for the students of the other departments to take up the core courses as audit courses which will equip the students to do multidisciplinary projects. The chairman assured that this would be conveyed to the Dean Academics. Professor. A. Kandasamy also enquired if the audit courses are evaluated, for which the chairman relied that is no evaluation for them however, 75% attendance is mandatory for the students who are taking up the audit courses.

Semester 7

- Professor. A.Kandasamy suggested on bringing all the Theory cum Lab and Lab cum Theory courses into the categories of Theory and Laboratory respectively. He also added that the theory and lab components can be very well expressed in terms of the number of hours allocated for the Lecture Sessions and Practical session by retaining the credits allocated to those courses. Dr.P.Subathra assured to have a relook on this with the consent of Dean/Academics.
- Mr. B.Selvakumar suggested having Nova and Glance as a sub exercise in Private cloud creation and also to mention Devstack explicitly.

Professional Elective

- Mr. B.Selvakumar suggested to have either Web based Python programming or Data Science application using Python in Advanced Python Programming Syllabus. He also commented on the text book for Cyber Security and Cyber Forensics. He insisted to relook the flow of the syllabus.
- Dr. Desiy insisted not to have repeated topics in Machine Learning as in Data Mining. Dr.P.Subathra replied that the topics are framed in such a way only.

Open Elective

- Mr. B. Selvakumar commented the following points on the Open Elective Courses that are offered by the department of Information Technology students of other programmes :



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- He suggested to cross check the names of the similar courses offered as open-electives and as core courses. He insisted on ensuring that they have different names.
- The pre-requisites of the open electives are to be verified and if the students who are offered these open electives have not undergone the pre-requisites, they can be given in the first unit of the course.
- In case an open elective can be taken by department of Computer Science Engineering students then the syllabus should not be less than the core syllabus of department of Computer Science Engineering. (I am not able to get this point)
- Finally, the chairman Dr.P.Subathra assured that all the comments and suggestions given by the members of BoS would be taken into consideration and appropriate modification would be incorporated in the syllabi.

Approval sought for:

The chairman sought the approval for the following from the BoS members:

- Common Courses – Courses that are common to students of IT and other programmes like CSE, AI&DS, ECE, Mechanical and Mechatronics.
- Audit Courses offered by the institution
- Three member committee for approving online courses taken up by students
- Three member committee for approving value added courses taken up by students
- Three member committee for approving the industry internship taken up by students
- Expert members for staff recruitment
- Expert members for question paper setting and question paper scrutiny



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Examination Process and Result Analysis

- Dr.P.Subathra presented the process of conduct of End Semester Examination which was carried out as an autonomous institution. The following points were highlighted:
 - Hiremee platform with proctoring mode was used to conduct the online MCQS based end semester exams
 - Question Paper setting guidelines
 - Sample Question Paper format
 - Question Paper scrutiny process
- Students' Performance in End Semester Examination for the batches 2016-2020, 2017-2021, 2018-2022, 2019-2023 were presented.

Any Other:

Dr. P . Subathra conveyed the members of the BoS that the department is waiting the NBA visit shortly and sought the suggestion from the members on the UG or PG programme that can be offered by the department of Information Technology once after getting the accreditation.

The members suggested that since the institution is an autonomous institution affiliated to Anna University, Chennai and not a Deemed to be University, the AICTE model handbook and the Programmes offered by the parent university, Anna University, Chennai can be taken as guidelines instead of designing an entirely new programme.

The chairman then conveyed that based on the situation, if the following UG or PG course can be considered for offering after the NBA accreditation:

- UG course on Computer Science and Business Systems
- PG course on Cyber Forensics and Information Security

The members of the BoS approved the same.



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Concluding Remarks:

- Dr.P.Subathra assured to incorporate the suggestions in the syllabus. She informed that she will disclose the suggestions from Dr.R.Rajesh with all the BoS members once received.
- Dr.E.Vakaimalar, UG Coordinator of IT department proposed the vote of thanks
- With the consent from all the BoS members, the meeting was adjourned.

Comments from Dr. R.Rajesh, M.E., Ph.D.,

The recorded video was sent to Dr. R.Rajesh, M.E., Ph.D., and he communicated to the department BoS in charge over phone and gave his acknowledgement to the suggestions given by the members of the BoS and has given his consent on the approval of the syllabi for the current curriculum through Email on 27.08.2021.

Approved by:

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| 1. Dr. P. Subathra M.E., Ph. D, | - | Chairman of the BoS |
| 2. Dr. C.Deisy, M.E., Ph.D., , | - | Anna University Nominee |
| 3. Dr. A.Kandasamy, M.Sc., Ph.D., | - | AC nominated BoS Members |
| 4. Dr. R.Rajesh, M.E., Ph.D., | - | AC nominated BoS Members |
| 5. Dr. K.Poyyamozi, M.C.A., Ph.D., | - | Industrial Expert |
| 6. Er. B.Selvakumar. M.E., | - | Alumni |