

B.N.M. Institute of Technology

An Autonomous Institution under VTU

For Internal Communication

Department of Computer Science and Engineering

Minutes of Meeting of BoS (UG Programme) held on 30/08/2023

Members Present	<ol style="list-style-type: none">1. Dr. Chayadevi ML, HoD CSE, Chairperson2. Dr. Thippeswamy G, Professor, Dept of CSE, BMSIT, VTU Nominee3. Dr. Guru Prasad H S, Professor, Dept of CSE, BMS College of Engg, Subject Expert4. Dr. Nandini C, Principal, BGSCET, Bangalore, Subject Expert5. Dr. Shekhar Verma, Professor, Dept. of IT, IIIT Allahabad, Subject Expert6. Dr. Vishwanath R Hulipalled, Professor, Dept. of Computing and IT, Reva University, Bangalore, Subject Expert7. Dr. Dinesh M S, Senior Scientist II, Philips Innovation Campus, Bangalore, Industry Expert8. Mr. Purushotham S, Global Supply Chain Leader, Fab Technology Engineering & Supply Chain Management, Intel Technology India Pvt. Ltd., Industry Expert9. Mr. RajashekarGuram, Senior Researcher, Synopsys, UG Aluminous10. Dr. Anitha N, Professor, Dept. of CSE, BNMIT, Member11. Dr. Geetha S, Professor, Dept. of CSE, BNMIT, Member12. Dr. Kavitha Jayaram, Asso. Prof., Dept. of CSE, BNMIT, Member13. Dr. Raghavendra C K, Ass. Prof., Dept. of CSE, BNMIT, Member14. Smt. Manikantha K, Asst. Professor, Dept. of CSE, BNMIT, Member15. Dr. JalajaG, Professor, Dept. of CSE, BNMIT, Member Secretary	
Members Absent (Reasons)	Mr. Rajashekar Guram, Senior Researcher, Synopsys	As he was out of country couldn't make it for the meeting

<p>Agenda</p>	<ol style="list-style-type: none"> 1. Welcome Address 2. Introduction 3. Scheme and syllabi of first year course <ul style="list-style-type: none"> • Problem Solving using C • Python Programming and Applications 4. Syllabus of 3rd and 4th semester 5. Syllabus of 3rd and 4th semester 6. Scheme of 3rd to 8th semester 7. Best practices in curriculum design 8. Any suggestions by members 9. Concluding remarks by member secretary 	
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Proceedings of the meeting		
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	<ol style="list-style-type: none"> 1. Board of Studies (BoS) meeting for Autonomous UG Programme was held on 30th August 2023 at 11:00 AM in seminar hall A215, Auditorium block, BNMIT in offline mode. 2. BoS, Chairman Dr. Chayadevi ML. Prof and Head, Dept. of CSE, introduced BNMIT and its antiquity to external members of BoS. 3. A brief introduction of each member with a welcome was made by Dr. Chayadevi ML. 4. External members Dr. Thippeswamy G, Dr. Guru Prasad H S, Dr. Nandini C, attended the meeting in person. Dr. Vishwanath R Hulipalled, Dr. Shekhar Verma, Mr. Purushotham S, and Dr. Dinesh M S attended the meeting online on MS Teams platform 5. As per the agenda the discussion started with the 2nd year scheme and syllabus, giving an insight into Vision and Mission of the department. 6. In view of mathematics course, BoS members appreciated the scheme and syllabus as it had incorporated the content which was applicable to Computer Science course. If needed can be brainstorming can be done to check for the needed content was suggested. 7. For the course Object Oriented Programming with JAVA they 	
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suggested the delivery of the course to be done smartly and efficiently, if possible animation can be incorporated to complete the syllabus.

8. IPL: Slow learners need more attention and hence give more guidance.
9. Data Structures: Load balancing has to be done as few modules are heavily loaded.
10. For Integrated and lab oriented courses: Include sample / list of programs, but not limited to.
11. In 4th semester,
 - Microcontroller and Embedded systems with RasberryPi architecture can be given as Project case study
 - In Python programming & applications, include method of functions (refer to VTU syllabus).
12. In 5th semester Software Engineering 21CSE151, they suggested that last 2 modules to be covered by the industry experts.
13. In Automata theory, they suggested to balance the syllabus as it is 3 credit course and redistribution of content to be done for all modules.
14. In open elective and professional elective courses, lab component to be added wherever it is possible to benefit the students in understanding the course.
15. 3rd to 8th semester scheme was very much accepted and appreciated by academic and industry expert as the syllabi was orienting from conceptual learning to practical exercise, which enable the students to apply knowledge in problem solving and analysis pertaining to applications.
16. Project based learning with internship at 1st, 2nd & 3rd year is well appreciated by the BOS members as per norms of NEP and university structure.
17. Members appreciated the rubrics and evaluation of execution of the scheme.
18. With these deliberations and proceedings, member secretary Dr. Jalaja G concluded the meeting. Dr.Chayadevi M L. HoD CSE, Chairperson concluded the meeting by extending

gratitude to the members of Management, BoS and BNMIT staff for supporting, suggesting and appreciating the formation of scheme and syllabus for the academic year 2023-2024. She concluded with Vote of Thanks.

Recommendations/Suggestions from the BOS Members

Action Plan

<p>Member 1 Dr. Thippeswamy G Professor & Dean Academics BMSIT, Bangalore VTU Nominee</p>	<ol style="list-style-type: none"> 1. VTU, AICTE, NEP and OBE [NBA] regulations have to be followed while framing curriculum 2. Emphasis to be given towards strengthening faculty members to embrace the new challenges and make them more competent. 3. Brain storming sessions are conducted to design the Curriculum and assessment periodically 	<p>Internship based on the societal needs to be updated and to be implemented by the students</p>
<p>Member 2 Dr. Guru Prasad H S Professor Dept of CSE, B M S C E, Bangalore Subject Expert</p>	<ol style="list-style-type: none"> 1. Appreciated scheme & syllabus in concurrence with OBE 2. In IT branches, Mathematics can be focused towards Discrete mathematics, probability Statistics and Linear Algebra applications with respect to computer science. 3. In Data structure subject, load balancing to be done in the syllabus as few module are heavily loaded. 4. Slow learners to be kept in mind while allocating of projects. 	<p>Specific and detailed rubrics to be framed.</p>
<p>Member 3 Dr. Vishwanath R Hulipalled Prof. REVA University, Bangalore Subject Expert</p>	<ol style="list-style-type: none"> 1. Scheme and syllabus are well formulated with better curriculum 	
<p>Member 4 Dr. Nandini C Vice Principal & HoD CSE, DSATM, Bangalore</p>	<ol style="list-style-type: none"> 1. As being autonomous & Tier I institution, Program Outcomes should be mapped to higher levels. 2. Python programming to be taught to first year 	<p>Brain storming sessions to be conducted to design the curriculum with higher Program Outcomes.</p> <p>Python programming will be introduced to first year</p>
<p>Member 5 Dr. Dinesh M S Senior Scientist II, Philips Innovation</p>	<ol style="list-style-type: none"> 1. For the course Software engineering few modules to be covered by industry experts. 2. Python to be introduced in first semester and more 	<p>Industry expert and Professor of Practice, Mr. Narayan V Shanbhag is advised to</p>

Campus, Bangalore Industry Expert	projects to be handheld with exposure to more packages	take the subject to give industry insights regarding software engineering
Members 6 & 7 [discussions & suggestions via mail]	Dr. Shekhar Verma, Dept. of IT, Prof. IIIT Allahabad, Subject Expert and Mr. Purushotham S, Global Supply Chain Leader, Fab Technology Engineering & supply Chain Management, Intel Technology India Pvt. Ltd., Subject Expert The syllabus and scheme was mailed for suggestions and approval	Both the experts sent their comments through mail which was discussed during the meeting
Concluding Remarks	The suggestions from the VTU nominee and all the external experts have been noted for the possible consideration and approval. Later will be implemented in the curriculum of 2023-24. 1. As per the suggestion from the VTU nominee, emphasis will be given towards strengthening faculty members to embrace the new challenges and make them more competent. 2. As per the suggestion from the experts, rubrics for evaluation should be informed to students beforehand.	

BOS Meeting Details

Date: 30-08-2023,

Time: 11 AM

Venue: Seminar hall A215, Auditorium block, BNMIT

for dms

[Signature]
14/09

Additional Director

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[Signature]

Head of the Department

Dept. of Computer Science & Engineering

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