

B.N.M. Institute of Technology

An Autonomous Institution under VTU

For Internal Communication

Department of Computer Science and Engineering

Minutes of Meeting – BoS (UG Programme)

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. Rajashekar Guram, Senior Researcher, Synopsys, UG Aluminous10. Dr. Anitha N, Professor, Dept. of CSE, BNMIT, Member11. Dr. Jalaja G, Professor, Dept. of CSE, BNMIT, Member12. Kavitha Jayaram, Asso. Prof., Dept. of CSE, BNMIT, Member13. Sri. Raghavendra C K, Ass. Prof., Dept. of CSE, BNMIT, Member14. Sri. Prashanth J, Asst. Prof., Dept. of CSE, BNMIT, Member15. Dr. Sheba Selvam, Professor, Dept. of CSE, BNMIT, Member Secretary	
Members Absent (Reasons)		

Agenda	<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 • Programming for Problem Solving 4. Syllabus of 3rd and 4th semester 5. Scheme of 3rd to 8th semester 6. Best practices in curriculum design 7. Any suggestions by members 8. Concluding remarks by member secretary 	
Proceedings of the meeting		
	<ol style="list-style-type: none"> 1. Board of Studies (BoS) meeting for Autonomous UG Program was held on 29th September 2022 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, Dr. Dinesh M S and Mr. Rajashekar attended the meeting online on MS Teams platform 5. As per the agenda the discussion started on the 1st year scheme and syllabus, giving an insight into Vision and Mission of the department. 6. 8 credit course of programming language for Problem solving was well appreciated by the members, as its outcome was to give practice to students to develop problem solving skill. 7. Assigning 8 credits in 1st year, members wanted to see the complete scheme of 1st year to understand the 	

	<p>distribution of credits among other disciplines.</p> <p>8. 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 students would be able to apply knowledge in probe solving pertaining to applications.</p> <p>9. Project based learning can be taken as internship at various levels as mentioned in NEP and university structure.</p> <p>10. Students need Environmental awareness and best practices in society.</p> <p>11. On the formed scheme, members appreciated the rubrics and evaluation of execution of the scheme.</p> <p>12. With these deliberations and proceedings, member secretary Dr. Sheba Selvam concluded the meeting. Dr. Chayadevi M L. HoD CSE, Chairperson concluded the meeting by extending gratitude to the members of BoS and management, BNMIT for supporting, suggesting and appreciating the formation of scheme and syllabus for the academic year 2022-2023 with Vote of Thanks.</p>	
Recommendations/Suggestions from the BOS Members		Action Plan
<p>Member1</p> <p>Dr. G. P. Pappeswamy Professor & Dean Academics BMSIT, Bangalore VTU Nominee</p>	<ol style="list-style-type: none"> 1. Emphasis to be given towards strengthening faculty members to embrace the new challenges and make them more competent. 2. Suggested to add 'Evolution of 808x architecture' in the subject Microcontroller and Embedded Systems 3. Updated guidelines of VTU according to NEP for Internship can be considered. 	<p>Brain storming sessions are conducted to design the curriculum and assessment periodically.</p> <p>Will refine the syllabus by adding the topic mentioned in the 1st module.</p> <p>For Internship the guidelines updated by VTU will be checked and implemented for students.</p>
<p>Member2</p> <p>Dr. Guru Prasad H S Professor Dept of CSE, B</p>	<ol style="list-style-type: none"> 1. Appreciated syllabus conformance to OBE 2. In IT branches, mathematics can be focused towards Discrete mathematics, probability Statistics and Linear Algebra. 	<p>Specific and detailed rubrics will be framed.</p> <p>3rd semester mathematics are kept common and in 4th</p>

M S C E, Bangalore Subject Expert	3. In Data structures, some algorithms which are covered with DAA can be removed from 5 th module.	semester Linear Algebra and Probability is been included. Data Structures syllabus will be refined.
Member 3 Dr. Nandini C Vice Principal &HoD CSE, DSATM, Bangalore	<ol style="list-style-type: none"> 1. Consistency in subject code to be retained for every batch. 2. As being Tier I institution, Program Outcomes should be mapped to higher levels. 3. In the context of I year subjects, it was suggested that the I semester course "Problem Solving using C" will be an integrated course, while the II semester course "Programming for Problem Solving" will be emphasized to provide project-based learning leading to Project Development / Implementation was appreciated. 	<p>Consistency in subject code will be retained for the upcoming batches.</p> <p>Brain storming sessions will be conducted to design the curriculum with higher Program Outcomes.</p>
Member 4 Dr. Shekhar Verma, Dept. of IT, Prof. IIIT Allahabad Subject Expert	<ol style="list-style-type: none"> 1. On the formed scheme, members suggested to plan a detailed road map of execution of the scheme 2. Students involvement and contribution much be given high priority. Quality work should be extracted from students. 3. As Operating System is a core subject, the subject name need not be changed to Operating System and UNIX Shell Programming. 4. The project work of the student should be from the same Professional Elective track. 	<p>Detailed roadmap will be planned by the scrutinizers and the course coordinators.</p> <p>Rubrics will be formulated for assessing the quality work of the students.</p> <p>Will consider retaining the subject name as Operating System.</p> <p>Will emphasis on the project work from the track opted by the student.</p>
Member 5 Dr. Vishwanath R Hulipalled Prof. REVA University, Bangalore Subject Expert	<ol style="list-style-type: none"> 1. Rubrics should be well formulated for a good curriculum 	Rubrics are well formulated for the curriculum.
Member 6 Dr. Dinesh M S Senior Scientist II, Philips Innovation Campus, Bangalore Industry Expert		

Member 7 Mr. Purushotham S Global Supply Chain Leader Fab Technology Engineering & supply Chain Management Intel Technology India Pvt. Ltd., Subject Expert		
Member 8 Mr. Rajashekar Guram , Senior Researcher, Sopsys UG Alumni	1. Multiple coding competitions can be conducted to kindle the programming enthusiasm in every student.	Through Professional bodies and clubs, coding activities will be conducted. Students will be encouraged to have accounts in platforms like GitHub, Hackerearth, and Hackerrank.
Concluding Remarks	The suggestions from the VTU nominee and all the external experts have been noted down and would be considered and implemented in the curriculum. 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 of the Meeting

Meeting Details

Date: 29-09-2022,

Time: 11 AM

Venue: Seminar hall, Auditorium block, BNMIT



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