

**NANDHA ENGINEERING COLLEGE, ERODE – 638 052**  
**(An Autonomous Institution, Affiliated to Anna University Chennai and**  
**Approved by AICTE New Delhi)**  
**DEPARTMENT OF COMPUTER APPLICATIONS**

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**MINUTES OF THE DEPARTMENT ADVISORY BOARD (DAB) MEETING**

The DAB meeting was held on 26.07.2022 by 10.00 am (Online Mode).

The Chairman of the DAB, Dr. E. K. Vellingiriraj, Professor & Head / MCA, welcomed the external and internal members of the meeting. Then, the items listed below were taken for discussion.

<b>AGENDA</b>	
Item 1.01	Details of members.
Item 1.02	Pitfalls and difficulties in the existing curriculum
Item 1.03	Vision, Mission, PEO, PO and PSO of Master of Computer Application Program
Item 1.04	New Regulation and Curriculum (R22)
Item 1.05	Department activity plan for the academic year 2022 – 2023.
Item 1.06	Result Analysis and Attainment of the CO, PO and PSO.
Item 1.07	Discussion on Budget requirement (2022-2023)
Item 1.08	Any other matter
Item 1.09	Vote of thanks

The proceedings of DAB started and the minutes of the meeting are recorded as follows:

Item 1.01	Details of members.
Discussion	Chairman of DAB invited and introduced members of DAB and all faculty members.
Item 1.02	Pitfalls and difficulties in the existing curriculum.
Discussion	<ul style="list-style-type: none"> <li>• In final semester of R17 Revised Curriculum and Syllabus, it can be only internship project and two theory papers can be included in previous semester itself.</li> <li>• CO-PO mapping with numerical relevance in the syllabus.</li> <li>• PSO mapping may be included in the syllabus like CO &amp; PO.</li> </ul>
Resolution	Resolved to consider the above point in the R22 curriculum.
Item 1.03	Vision, Mission, PEO, PO and PSO of Master of Computer Application Program
Discussion	<ul style="list-style-type: none"> <li>• DAB Members discussed the revised Vision, Mission statements of department.</li> <li>• DAB Members discussed the PEOs, POs and PSOs of department.</li> </ul>
Resolution	Resolved to approve the modification in the Department Vision, Mission, PEOs and PSOs Statements.
Item 1.04	New Regulation and Curriculum (R22)
Discussion	<p><b><u>Advanced Data Structures and Algorithms</u></b></p> <ul style="list-style-type: none"> <li>• Dr. Jona J. B. suggested that to include basics of Data Structure with Algorithms.</li> </ul> <p><b><u>Python Programming</u></b></p> <ul style="list-style-type: none"> <li>• Dr. Jona J.B. and Dr. Ganapathy Subramaniam B. suggested that to remove theory python paper and can have only python Lab.</li> <li>• Otherwise, in the subject “Probability and Statistics for Computer Science”, three units can cover the concepts of Probability and Statistics. Remaining two units may have python.</li> </ul> <p><b><u>Python Programming Laboratory</u></b></p> <ul style="list-style-type: none"> <li>• Dr. Jona J.B. suggested that to include case studies or mini project in list of experiments.</li> <li>• Dr. Jona J.B. and Dr. Ganapathy Subramaniam B. suggested that to include experiments for probability and statistics.</li> </ul> <p><b><u>Software Engineering</u></b></p> <ul style="list-style-type: none"> <li>• Dr. Ganapathy Subramaniam B. suggested that to remove Software Project Management from Unit-V and replace it with Case Studies.</li> </ul>

	<p><b><u>General Point</u></b></p> <ul style="list-style-type: none"> <li>• Dr. Ganapathy Subramaniam B. and Mr. Praveenkannan M. suggested that to study Artificial Intelligence in Elective – I (Semester-II) before studying Machine Learning paper in Semester-III.</li> </ul> <p><b><u>Bridge Courses</u></b></p> <ul style="list-style-type: none"> <li>• Dr. Jona J. B. suggested that to make available of three bridge courses in each semester. So that in first year itself 6 bridge courses can be completed.</li> <li>• Dr. Ganapathy Subramaniam B. and Mr. Praveenkannan M. suggested that to swap “Mathematical Foundation of Computer Science” to Elective - I and “Computer Organization” to Elective – II. So that basic mathematics can learn.</li> </ul>																								
Resolution	Resolved to approve the curriculum and syllabi under Regulation R22 for 1 <sup>st</sup> and 2 <sup>nd</sup> semester.																								
Item 1.05	Department activity plan for the academic year 2022 – 2023.																								
Discussion	<table border="1"> <thead> <tr> <th>S.No.</th> <th>Activity</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Workshop</td> <td>1/Semester</td> </tr> <tr> <td>2</td> <td>Industrial Seminar</td> <td>1/Semester</td> </tr> <tr> <td>3</td> <td>Online Course</td> <td>1/Semester</td> </tr> <tr> <td>4</td> <td>Intra-Department Meet</td> <td>1/Semester</td> </tr> <tr> <td>5</td> <td>Inter-Department Meet</td> <td>1/Semester</td> </tr> <tr> <td>6</td> <td>Social Club Activity</td> <td>1/Semester</td> </tr> <tr> <td>7</td> <td>Technical Club</td> <td>1/Semester</td> </tr> </tbody> </table>	S.No.	Activity	Frequency	1	Workshop	1/Semester	2	Industrial Seminar	1/Semester	3	Online Course	1/Semester	4	Intra-Department Meet	1/Semester	5	Inter-Department Meet	1/Semester	6	Social Club Activity	1/Semester	7	Technical Club	1/Semester
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Resolution	DAB members noted and approved the above activity plan for the academic year 2022-2023.																								
Item 1.06	Result Analysis and Attainment of the CO, PO and PSO.																								

Discussion	Year	Degree	Branch	Odd/Even Semester	Semester No.	No. of Students who passed in all subjects in that Semester	No. of Students enrolled in that Semester	Pass %	Overall %	
	2020-21	MCA	CA	Odd	1	20	24	83.33	87.72	
					3	03	03	100		
					5	27	30	90		
	2020-21	MCA	CA	Even	2	22	24	91.67	96.49	
					4	03	03	100		
					6	30	30	100		
	Resolution	Members noted and appreciated for the result attained in the year 2020-21 (Odd & Even).								
	Item 1.07	Discussion on Budget requirement (2022-2023)								
	Discussion	S.No.	Requirement			Budget				
1		Equipments			81,000					
2		Books			10,000					
3		Program Organizing			50,000					
4		Program Attending			50,000					
5		R&D			1,00,000					
				Total	2,91,000					
Resolution	Members noted the Budget requirement and utilization details.									
Item 1.08	Any other matter									

Discussion	Nil
Resolution	Nil
Item 1.09	Vote of thanks
	Chairman thanked external members of DAB for their valuable points and also internal members of DAB.

**Date: 29.07.2022**

  
**CHAIRMAN-DAB/MCA**



**NANDHA ENGINEERING COLLEGE**  
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Pitchchandampalayam, Erode To Perundurai Road, Erode-638 052

**DEPARTMENT ADVISORY BOARD (DAB) MEETING**

**Academic Year: 2022-23**

<b>Board</b>	Master of Computer Application	<b>Regulation</b>	<b>R22</b>
<b>Venue</b>	Online Mode	<b>Date</b>	26 <sup>th</sup> JUL 2022, 10.00 AM

**MEMBERS ATTENDED (EXTERNAL)**

<b>S. No.</b>	<b>Members</b>	<b>Representation</b>
1	Dr. J. B. Jona, Associate Professor, Department of Computer Applications, CIT, Coimbatore.	Member (Expert from Academic)
2	Dr. B. Ganapathy Subramaniam, VP of SOA/RPA Services, CEI India, Chennai - 600 017.	Member (Expert from Industry)
3	Mr. M. Praveenkannan, Senior Software Engineer, SureSwift Capital, United States.	Alumni

*M. A. Praveenkannan*

**Chairman/DAB-MCA**



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**DEPARTMENT ADVISORY BOARD (DAB) MEETING**

**Academic Year: 2022-23**

**MEMBERS ATTENDED (INTERNAL)**

<b>S. No.</b>	<b>Members</b>	<b>Representation</b>
1	Dr. E. K. Vellingiriraj, Professor & Head /MCA	Chairman
2	Mr. S. Sambasivam, Associate Professor/MCA	Member
3	Mr. C. Mani, Assistant Professor /MCA	Member
4	Ms. K. E. Eswari, Assistant Professor/MCA	Member
5	Ms. N. Zahira Jahan, Assistant Professor/MCA	Member
6	Mr. R. Navin Kumar, Assistant Professor/MCA	Member

*M. A. G. G. G.*  
Chairman/DAB-MCA

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**ACTION TAKEN REPORT (ATR) FOR THE MINUTES OF MEETING FOR THE  
 DEPARTMENT ADVISORY BOARD (DAB)**

S. No.	Suggested Points	Action Taken Report
1	<p><b><u>Advanced Data Structures and Algorithms</u></b></p> <ul style="list-style-type: none"> <li>Dr. Jona J. B. suggested that to include basics of Data Structure with Algorithms.</li> </ul>	Clarified that already it was designed as said. DAB Members accepted.
2	<p><b><u>Python Programming</u></b></p> <ul style="list-style-type: none"> <li>Dr. Jona J.B. and Dr. Ganapathy Subramaniam B. suggested that to remove theory python paper and can have only python Lab.</li> <li>Otherwise, in the subject “Probability and Statistics for Computer Science”, three units can cover the concepts of Probability and Statistics. Remaining two units may have python.</li> </ul>	Clarified that for Non-Computer Science students python paper must be separate subject.
3	<p><b><u>Python Programming Laboratory</u></b></p> <ul style="list-style-type: none"> <li>Dr. Jona J.B. suggested that to include case studies or mini project in list of experiments.</li> <li>Dr. Jona J.B. and Dr. Ganapathy Subramaniam B. suggested that to include experiments for probability and statistics.</li> </ul>	Included  Included
	<p><b><u>Software Engineering</u></b></p> <ul style="list-style-type: none"> <li>Dr. Ganapathy Subramaniam B. suggested that to remove Software Project Management from Unit-V and replace it with Case Studies.</li> </ul>	Modified
	<p><b><u>General Point</u></b></p> <ul style="list-style-type: none"> <li>Dr. Ganapathy Subramaniam B. and Mr. Praveenkannan M. suggested that to study Artificial Intelligence in Elective – I (Semester-II) before studying Machine Learning paper in Semester-III.</li> </ul>	As per the importance of Artificial Intelligence, it was decided to include as Unit in Machine Learning in Semester – III.



	<p><b><u>Bridge Courses</u></b></p> <ul style="list-style-type: none"> <li>• Dr. Jona J. B. suggested that to make available of three bridge courses in each semester. So that in first year itself 6 bridge courses can be completed.</li> <li>• Dr. Ganapathy Subramaniam B. and Mr. Praveenkannan M. suggested that to swap “Mathematical Foundation of Computer Science” to Elective - I and “Computer Organization” to Elective – II. So that basic mathematics can learn.</li> </ul>	<p>Already in each semester carries 6 subjects + 3 bridge courses, totally 9 subjects overload the non-computer science students.</p> <p>“Probability and Statistics for Computer Science” in semester I. Considering the burden of non-computer science students, it was kept as it is.</p>
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Date: 02.08.2022

  
CHAIRMAN-DAB/MCA