**NANDHA ENGINEERING COLLEGE, ERODE – 638 052**

**(An Autonomous Institution, Affiliated to Anna University Chennai and**

**Approved by AICTE New Delhi)**

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**MINUTES OF THE 10th BOARD OF STUDIES MEETING**

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| **Name of the Body** | Board of Studies |
| **Name of the Board** | Information Technology |
| **Meeting No.** | 10 |
| **Date & Time** | 06.08.2022, 12 noon |
| **Venue** | Board Room, NEC |

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**Minutes of 10th Board of Studies Meeting (BoS) held on 06.08.2022**

The 10th Board of Studies (BoS) meeting was held on 06.08.2022 by 12.00 noon in Board Room, NEC. The members attended the meeting are given in **Annexure I.**

The Chairman of the BoS, Dr. C. Siva, Professor/IT, welcomed the members for the meeting. Then, the items listed below were taken for discussion.

| BOS - AGENDA | |
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| Item 10.01 | Welcome address and Introduction of members. |
| Item 10.02 | Review of the 9th BOS meeting minutes and ATR |
| Item 10.03 | Review of the PAC and DAB meeting minutes & ATR |
| Item 10.04 | Review of Institute Vision & Mission |
| Item 10.05 | Review of Department Vision, Mission, PEOs and PSOs |
| Item 10.06 | Review of Correlation between the Vision and Mission statement of Institute and Department, correlation between PEOs and POs. |
| Item 10.07 | Review of Curriculum (R22) for B.E/B.Tech programme. |
| Item 10.08 | Review of 1st and 2nd semester syllabus for B.E/B.Tech programme with CO –PO/PSO Mapping. |
| Item 10.09 | Review on analysis of CO- PO/PSO  mapping and attainment of R17 Curriculum. |
| Item 10.10 | Review on Attainment target fixed for next batch. |
| Item 10.11 | Review of R17 Ratification, if any. |
| Item 10.12 | Review of inclusion of PSE courses in R17 |

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| Item 10.13 | Review of one credit courses |
| Item 1.14 | Review of Panel of Examiners |
| Item 1.15 | Any other matter |

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

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| **Item 10.01** | **Details of members for 10th BoS** | |
| Discussion | Dr C.Siva, Chairman/BoS introduced the members of the Board of Studies | |
| **Item 10.02** | **Review of Action Taken Report on 9th BoS Meeting** | |
| Resolution | Resolved to approve the 9<sup>th</sup> BoS Action Taken Report | |
| **Item 10.03** | **Review of the PAC and DAB meeting minutes & ATR** | |
| Resolution | Resolved to approve the suggestions and ATR of PAC and DAB | |
| **Item 10.04** | **Review of Institute Vision & Mission** | |
| Discussion | Dr.D.Karthika Renuka suggested that Institute vision may be framed beyond Centre of Excellence, instead it can be replaced in pioneer in Education<br>Dr.K.R.Jothi suggested to change mission accordingly to vision from learner centric environment to some others | ✓ Incorporated in upcoming regulation<br>✓ Incorporated in next regulation |
| Resolution | Resolved to approve the vision, mission and mapping of CO with PO and PSO. | |
| **Item 10.05** | **Review of Department Vision, Mission, PEOs and PSOs** | |
| Discussion | The expert members Dr.D.Karthika Renuka and Dr.K.R.Jothi suggested to change vision beyond centre of excellence | ✓ Incorporated in upcoming regulation |
| Resolution | Resolved to approve Vision and Mission of Department. | |
| **Item 10.06** | **Review of Correlation between the Vision and Mission statement of Institute and Department, correlation between PEOs and POs.** | |
| Discussion | Dr.K.R.Jothi suggested that vision and Mission of department may not be the same as institute vision and Mission and it can be unique and PEOs should be framed in context of lifelong learning. | ✓ Incorporated in upcoming regulation |

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| | Dr.KarthikaRenuka and Dr.K.R.Jothi suggested that PSOs can be framed focusing on<br>  1. Mathematical models, Hardware/Software, Programming Languges<br>  2. Continuous learning, research, Entrepreneurship and sustainable development<br>They also insisted on PO & PSO mapping<br>Dr.Jayanthi suggested that there can be 3 to 5 PEOs and 2 to 4 PSOs for department. | ✓ Incorporated in upcoming regulation |
| Resolution | Resolved to approve Vision, Mission, PEOs and PSOs | |
| Item 10.07 | Review of Curriculum (R22) for B.E/B.Tech programme | |
| Discussion | Dr. KarthikaRenuka suggested giving 2 credits for some laboratory.<br><br>Dr. Dr.K.R.Jothi suggested that semester 5 has two subjects Web Technology and User Interface Design among which one can be retained.<br><br>Dr.K.R.Jothi suggested that either Data mining or Data Analytics can be brought into core subjects. | ✓ Will be revised in upcoming regulation<br><br>✓ Reflected in R22 curriculum |
| Resolution | Resolved to approve and implement proposed courses in R22 curriculum. | |
| Item 10.08 | Review of 1st and 2nd semester syllabus for B.Tech programme with CO –PO/PSO Mapping | |
| Discussion | Dr.KarthikaRenuka suggested that in Problem Solving and C programming Unit 1 can be reframed as first half of the content is irrelevant.<br><br>Dr.KarthikaRenuka suggested text book edition for Problem Solving and C Programming is very old (2013).It can be revised.<br><br>Dr.Jothi suggested all subject syllabus unit 1 is named as Introduction. It should be replaced with proper title.<br><br>Dr.KarthikaRenuka suggested that some of the basic topics in PYTHON programming can be replaced with advanced topics in unit 5. | ✓ Proposed changes are incorporated |
| Resolution | Resolved to approve the proposed suggestions. | |
| Item 10.09 | Review on analysis of CO- PO/PSO mapping and attainment of R17 Curriculum. | |
| Discussion | Dr.C. Siva presented that most of the attainment level have been reached in mapping of COs with POs and PSOs of R17 curriculum | |

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| Resolution | Resolved and approved. |
| Item 10.10 | Review on Attainment target fixed for next batch. |
| Discussion | Dr.C.Siva proposed the attainment target fixed for next 2022_2023 batch. |
| Resolution | Resolved and approved |
| Item 10.11 | Review of R17 Ratification, if any. |
| Discussion | Proposed to include – Industry based Elective<br>Virtusa<br>    – IT Operations<br>    – AI Operations<br>Nalaiya Thiran(project based elective in 7$^{th}$ semester) |
| Resolution | Resolved and approved |
| Item 10.12 | Review of inclusion of PSE courses in R17 |
| Discussion | Dr.K.R.Jothi suggested that Block Chain, Virtualisation, Microservices can be added in Electives.<br><br>Mr.Elango Industry Expert expressed his view that inclusion of industry based electives is highly beneficial to students. | ✓ Will be revised in upcoming regulation<br><br>✓ Ratification done in R17 curriculum |
| Resolution | Resolved and approved. |
| Item 10.13 | Review of one credit courses |
| Discussion | Dr.KarthikaRenuka suggested that one credit name should not be company name or product name it should be generalized. |
| Resolution | Resolved and approved |
| Item 1.14 | Review of Panel of Examiners |
| Resolution | Resolved and approved |

Dr. C.Siva, Chairman, BoS/IT, thanked all the members for their active participation.

**Date: 10.08.2022**

Dr. C. Siva

(Chairman, BoS / IT)