

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, [www.cbit.ac.in](http://www.cbit.ac.in)

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COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

46  
years

No. CBIT/MoM-AC/14/25

Date: 31.05.2025

Minutes of the 14<sup>th</sup> Academic Council meeting of Chaitanya Bharathi Institute of Technology, Hyderabad held on 31.05.2025 at 10.30 AM in Conference Hall

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## Members Present:

1. Prof. C. V. Narasimhulu, The Principal (Chairman)
2. Mr. Seetaram Veladi, Project Director, LTI Mindtree.
3. Prof. A. Krishnaiah, Dean, Faculty of Engineering, OU.
4. Prof. K. Shyamala, Dean, Faculty of Informatics, OU.
5. Dr. Ramesh Datla, Executive Chairman, Elico Group.
6. Mr. Prashanth Parsam, Director-Projects, Cognizant.
7. Prof. P. Ravinder Reddy, Director-HRE
8. Dr. P. Suresh, Professor in IT, Director-AEC
9. Dr. P. Venkata Prasad, Professor in EEE, CoE
10. Dr. Y. Rajasri, Professor in Bio-technology
11. Head, Department: Artificial Intelligence and Data Science (AI&DS)
12. Head, Department: Biotechnology
13. Head, Department: Chemical Engineering
14. Head, Department: Civil Engineering
15. Head, Department: Computer Science & Engineering (CSE)
16. Head, Department: Computer Science & Engineering (CET)
17. Head, Department: Computer Science & Engineering (CSE-AIML)
18. Head, Department: Electrical & Electronics Engineering (EEE)
19. Head, Department: Electronics & Comm. Engineering (ECE)
20. Head, Department: Electronics Engineering (VLSI Design and Technology)
21. Head, Department: Information Technology (IT)
22. Head, Department: Mechanical Engineering
23. Head, Department: MCA
24. Head, Department: MBA
25. Head, Department: Mathematics
26. Head, Department: Physics
27. Head, Department: Chemistry
28. Head, Department: English
29. Prof. P. Prabhakar Reddy, Director Academics & Convenor-Academic Council.

## Special Invitees:

1. Prof. N.V. Koteswara Rao, Director-IQAC
2. Prof. P. V. R. Ravindra Reddy Vice-Principal (Administration)
3. Prof. K. Krishnaveni, Vice-Principal (Academics)
4. Dr. Yawer Abbas Khan, Asst. Director (Academics)

**Leave of absence:**

1. Prof. V. Ramesh Kumar, Dean, Faculty of Technology, OU.
2. Dr. Sarala, Scientist-F, RCI, DRDO
3. Prof. N. Venkata Reddy, Dept. Of Mechanical Engineering, IIT, Hyderabad.
4. Dr. NLN Reddy, Advisor, Career Development Cell

<b>Opening Remarks</b>	<p>Director – Academics greeted all the Members of the 14th Academic Council meeting and requested the Principal to present his opening remarks.</p> <p>The principal thanked the external members for their kind presence in the 14<sup>th</sup> Academic Council Meeting of the CBIT Hyderabad.</p> <p>The Principal as part of his opening remarks, briefed the members on the key features taken into account during the syllabus revision, while highlighting the progression from R-13 to R-22A regulations. The key features include the following:</p> <ul style="list-style-type: none"> <li>• The syllabus in line with the AICTE model curriculum and OU Curriculum.</li> <li>• Choice based credit system.</li> <li>• Inclusion of Activity points.</li> <li>• Consideration of NEP 2020 components in the curriculum.</li> <li>• Case study based learning.</li> <li>• Strong mechanism for considering stack holders feedback.</li> <li>• Thorough review by the Department Board of Studies</li> <li>• Industrial relevant practices</li> <li>• Honors and Additional Minor Engineering degrees are introduced.</li> </ul> <p>The Principal asked the Director Academics to conduct the further proceedings.</p>
<b>Item No: 1</b>	<b>Confirmation of the 13<sup>th</sup> academic Council Minutes.</b>
<b>Minutes</b>	The Director Academics welcomed all the members and presented the Minutes of the 13 <sup>th</sup> Academic Council held on 02-07-2024 and the same were confirmed by the council members ( <i>The minutes are enclosed in Annexure - I.</i> )
<b>Item No: 2</b>	<b>Action taken report on 13<sup>th</sup> Academic Council Meeting minutes</b>
<b>Minutes</b>	<p>The Director Academics presented the Actions taken with regard to the suggestions made by the members in the 13<sup>th</sup> Academic Council Meeting. These includes:</p> <p><b>2.1 <u>Adopting only one case study instead multiple case studies for assessment sem V - VIII</u></b></p> <p>With regard to the suggestions from Academic Council Members under <b>Item No. 5-I (a)</b>, the same are taken into consideration and has been incorporated in the <i>BE/B.Tech. Academics Rules and Regulations (R-22A), 2024-25</i> and can be seen in page no. 10 of rule book.</p>

**Assessment Procedures for Awarding Marks  
CIE: Continuous Internal Evaluation (Max. Marks: 40)**

S. No.	Rubrics for I & II Year				Rubrics for III & IV Year			
	Assessment Tools	No. of tests	Description	Max. Marks	Assessment Tools	No. of tests	Description	Max. Marks
1.	Class Tests	2	Average of two tests, each of 20 Marks	20	Class Tests	2	Average of two tests, each of 20 Marks	20
2.	Assignments (should be from BL4 and BL5)	2	Average of two assignments, each of 10 Marks	10	Case studies	1	15 Marks	15
3.	Slip Tests	3	Average of best two slip tests	5			NA	
4.	Attendance	5	5 Marks >=85%; 4 Marks >=80%; 3 Marks >=75%; 2 Marks >=70%; 1 Mark >=65%;	5	Attendance	5	5 Marks >=85%; 4 Marks >=80%; 3 Marks >=75%; 2 Marks >=70%; 1 Mark >=65%;	5

<https://www.cbit.ac.in/wp-content/uploads/2019/04/BE-R-22-A-Rule-Book-Updated-29.05.2025.pdf>

**(Page No. 10)**

**2.2 Implementation of various SOPs to raise awareness among students and faculty regarding student assessment:**

With regard to the suggestions from Academic Council Members under **Item No. 5-I (b)**, the following procedures are adopted in the institute.

I The students admitted in the A.Y. 2024-25 are made aware about evaluation procedures, rubrics etc. by the Director - Academics, Director AEC & CoE, and CoE and respective Heads of the Departments in the orientation program and student induction program.

[https://drive.google.com/file/d/1HEwW3KCa42i99QzDPJ\\_vr1ZpDcL7J2Bw/view?usp=drive\\_link](https://drive.google.com/file/d/1HEwW3KCa42i99QzDPJ_vr1ZpDcL7J2Bw/view?usp=drive_link)

II The faculty are made aware about it by conducting Faculty In-house training and induction program's at the institute.

[https://drive.google.com/file/d/1knTbqBinEzBeiifo-oCqbv1e1NLym-0W/view?usp=drive\\_link](https://drive.google.com/file/d/1knTbqBinEzBeiifo-oCqbv1e1NLym-0W/view?usp=drive_link)

III Academics Rules and Regulations (R-22A) are made available on the college website

[https://drive.google.com/file/d/1gZBJ7syV19SLLwpS9vOWJF\\_X2SpqrJ7t/view?usp=drive\\_link](https://drive.google.com/file/d/1gZBJ7syV19SLLwpS9vOWJF_X2SpqrJ7t/view?usp=drive_link)

**2.3 Consideration of Academic and Research internship in addition to the Industrial and rural internship under Internship-II:**

With regard to the suggestions from Academic Council Members under

**Item No. 5(II)**, the same has been incorporated in the rule book of R22A (Page no. 15) as represented below:

**Training/Internships, Mini Project & Upskilling Certification - Duration and Academic Credentials**

**Table 1: Internship & Project Frame work**

<b>Proposed R-22 (A) Regulation</b>		<b>Duration</b>	<b>Credits</b>
Internship I (After II Sem, assessment in III Sem)	MOOCS/ Inter or Intra- Institutional Training or Internship	90 Hrs	02
Internship-II (After IV Sem, assessment in Sem)	Industrial Internship /Rural Internship/ <b>Academic Internship*/Research Internship**</b>	90 Hrs	02
Mini Project	In-campus	CIE-50 Marks	02
Up-Skill Certification Course -I & II	Approved Courses	CIE-25 Marks	01

\* Students can pursue the internships in IISC, IITs, NITs, Central Universities, Reputed Institutions and Research Laboratories

\*\* Students can pursue Internship under Sponsored/Consultancy Research Projects in CBIT.

<https://www.cbit.ac.in/wp-content/uploads/2019/04/BE-R-22-A-Rule-Book-Updated-29.05.2025.pdf> (Page Nos. 15 and 16)

**2.4 With regard to the plagiarism policy the reference section has been excluded from the dissertation while considering the plagiarism percentage:**

With regard to the suggestions from Academic Council Members under Item No. 5(III), the institute plagiarism policy has considered the suggestions with regard to excluding the reference section from the dissertation while considering the plagiarism percentage. The same is been added in the institute "Anti-Plagiarism policy\* (*Anti-Plagiarism Policy is enclosed in Annexure-II*).

[https://www.cbit.ac.in/wp-content/uploads/2025/02/CBTT\\_Anti-Plagiarism-Policy\\_1Feb2025.pdf](https://www.cbit.ac.in/wp-content/uploads/2025/02/CBTT_Anti-Plagiarism-Policy_1Feb2025.pdf)

**2.5 To ensure an industry-oriented curriculum and enhance student exposure to industry, a portion of industry relevant courses are now mandatorily taught by practicing industry professionals in the V and, or VI semesters:**

Based on the recommendations of the Academic Council Members under Item No. 11.2, the Institute actively encourages all students to pursue

		industrial internships and provides guidance to support this initiative. Furthermore, this matter was discussed in the 46th meeting of the College Academic Committee held on 23.10.2024. It was decided that a portion of relevant courses in the 5th or 6th semester would be taught by practicing industry professionals ( <i>Details are enclosed in Annexure - III</i> ).
<b>Item No: 3</b>	<b>:</b>	<b>To approve the minutes of Common BOS meetings.</b>
<b>Minutes</b>	<b>:</b>	<p>The Director Academics presented the resolution of the Common BoS meetings and asked for the approval of R-22A (UG) Curriculum from Academic Council members. The following resolutions were appraised by the Director Academics:</p> <ul style="list-style-type: none"> <li>• All UG programs adopted 11 Program Outcomes (POs) instead of the previously followed 12. This change directly aligns with the latest NBA guidelines and impacts all UG program syllabi.</li> <li>• Various departments updated their R-22A (Semester III-VIII) schemes and syllabi. These revisions were driven by comprehensive stakeholder feedback (from students, faculty, alumni, industry, etc.) and approved through internal Departmental BoS processes, incorporating inputs from CEG, PAQIC, and DAB.</li> </ul> <p>The members approved the Minutes and resolutions of the Common BOS meetings.</p>
<b>Item No: 4</b>	<b>:</b>	<p><b>To approve the respective department BoS meeting minutes-B.E. / B. Tech I to VIII semesters scheme and syllabus for R22A regulations</b></p> <p>a) CSE  b) CSE (AI &amp; ML)  c) AI &amp; DS  d) CSE (IOT &amp; Cyber Security Including Block chain Technology)  f) Information Technology  g) Civil Engineering  h) Mechanical Engineering  i) Electrical &amp; Electronics Engineering  j) Electronics &amp; Communication Engineering  k) Electronics Engineering (VLSI Design &amp; Technology)  k) Chemical Engineering  l) Biotechnology</p>
<b>Minutes</b>	<b>:</b>	<p>The Heads of the Department of B. E. /B. Tech. CIVIL, Mechanical, EEE, ECE, EE (VLSI Design and Technology), Chemical Engineering, Biotechnology CSE, CSE (AIML), IT, AI&amp;DS, CET and MBA presented their minutes of the BOS meeting.</p> <p>Each Head accentuated about the new BOS compositions and the subject experts from IITs, NITs, and from the industries.</p>

The Members of the Academic Council approved the BOS minutes from all Departments and recommended incorporating the modifications proposed by the BOS members. Additionally, the Academic Council members suggested further modifications and requested their inclusion in the curriculum. These suggestions include:

- For CSE VIII Semester curriculum, under Open Elective-III the course "Waste Management" should be changed to "Digital Waste Management" and "Employability Skills" should be offered in VI Semester instead of VIII Semester as it will be suitable to the students undergoing placements from VII Semester onwards.
- The members asked CSE HoD to keep "Up skilling Certification-II" of 0.5 Credits instead of MOOCs / NPTEL in the curriculum and rename "Up Skill Certification Course" of 0.5 credit in IV Sem. as "Up Skill Certification Course-I" So that a similar course structure is followed in the entire Programs at the institute.
- The Academic Council members asked HoD CSE-AIML to avoid total credits in a semester as a fraction and also try to have a uniform distribution of credits in each semester.
- The Mr. Seetaram Veladi, Project Director, LTI Mindtree suggested the HoD CSE (AIML) to have "Agile Software certified" faculty to teach "Agile software development Theory and Lab".
- The Prof. A. Krishnaiah, Dean, Faculty of Engineering, OU suggested the HoD CSE (AIML) and other computer Allied branches to complete all the professional electives courses by 7<sup>th</sup> Semester and not to keep Professional Electives in the 8<sup>th</sup> Semester as is followed in the Osmania University.
- The Prof. A. Krishnaiah, Dean of the Faculty of Engineering, OU, instructed the Head of the Department of Mechanical Engineering to offer 'Design Thinking' as a lab course instead of a theory course, and to introduce 'Environmental Science' as a credit-based course, as it involves regular class hours.
- The Prof. A. Krishnaiah, Dean of the Faculty of Engineering, OU, instructed the Head of the ECE Department to ensure that the courses offered by VEDA IIT are not repetitions of those already covered in Semesters I to VI. He also emphasized that credit transfers through VEDA IIT should be properly managed. In response, the Vice Principal explained all technical details regarding the inclusion of VEDA IIT courses in the curriculum and stated that the matter of credit transfer requires further discussion and will be taken care of subsequently.
- The members asked HoD Biotech to rename the course "Maths for Biotechnologists".

	<ul style="list-style-type: none"> <li>The Prof. A. Krishnaiah, Dean of the Faculty of Engineering, OU, reiterated that all Professional Elective courses should be completed by the 7th semester and that no Professional Electives should be scheduled in the 8th semester, in line with the practice followed at Osmania University and should be followed by all the branches.</li> </ul>				
<b>Item No: 5</b>	<p><b>To approve Almanacs for the Academic Year 2025-26</b></p> <ul style="list-style-type: none"> <li>i. VII and VIII Semesters of B.E/B. Tech programs</li> <li>ii. III to VI Semesters of B.E / B. Tech Programs</li> <li>iii. III and IV Semesters of M.E / M. Tech Programs</li> <li>iv. III and IV Semesters of MBA Program</li> <li>v. III and IV Semesters of MCA Program</li> <li>vi. I and II Semesters of B.E / B. Tech Program*</li> <li>vii. I and II Semesters of M.E / M. Tech Program*</li> <li>viii. I and II Semesters of MBA Program*</li> <li>ix. I and II Semesters of MCA Program*</li> </ul> <p>* Based on the guidelines of the State Government</p>				
<b>Minutes</b>	<p>The Director of Academics presented the Almanac of the B.E / B. Tech II, III, &amp; IV Year, M.E / M. TECH II Year, MCA II Year, and MBA II Year for the AY.2025-26.</p> <p>The Prof. A. Krishnaiah, Dean of the Faculty of Engineering, OU, asked that the commencement date should be separately mentioned in the Almanac and enquired regarding the flexibility of the Almanac i.e., whether the Almanac can be changed or deviated. The principal informed that the Almanacs will be implemented after approval from Academic Council and Governing Body and it cannot be modified except for minor deviations.</p> <p>The members after detailed discussions approved the Almanac for the AY-2025-26.</p>				
<b>Item No: 6</b>	<p><b>To approve change of pass criteria for MBA Programme with effect from batch joining from Academic Year 2025-26.</b></p>				
<b>Minutes</b>	<p>The Director of Academics presented the proposal in accordance with the instructions from the Controller of Examinations, Osmania University, given during the Results Committee meeting held on 20/03/2024 at OU, to change the pass criteria for the MBA program to 40% in the Semester End Examination (SEE). The presented proposal is given as under:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; width: 50%;">Existing Rule</th> <th style="text-align: center; width: 50%;">Proposed Rule</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">           Minimum pass marks for theory course is 40% of total marks i.e., CIE plus semester end examinations where as for the lab course/ project is 50%.         </td> <td style="padding: 5px;">           In theory subject, a candidate shall score:           <ul style="list-style-type: none"> <li>i) 40% marks in Semester End Exam and</li> <li>ii) 40% of marks in Continuous Internal Evaluation and Semester End Exam</li> </ul> </td> </tr> </tbody> </table>	Existing Rule	Proposed Rule	Minimum pass marks for theory course is 40% of total marks i.e., CIE plus semester end examinations where as for the lab course/ project is 50%.	In theory subject, a candidate shall score: <ul style="list-style-type: none"> <li>i) 40% marks in Semester End Exam and</li> <li>ii) 40% of marks in Continuous Internal Evaluation and Semester End Exam</li> </ul>
Existing Rule	Proposed Rule				
Minimum pass marks for theory course is 40% of total marks i.e., CIE plus semester end examinations where as for the lab course/ project is 50%.	In theory subject, a candidate shall score: <ul style="list-style-type: none"> <li>i) 40% marks in Semester End Exam and</li> <li>ii) 40% of marks in Continuous Internal Evaluation and Semester End Exam</li> </ul>				

		<p>(CIE+SEE) together, in a particular Course, to be declared as 'PASS' in that Course.</p> <p>In Practical course, a candidate shall score:</p> <ul style="list-style-type: none"> <li>i) 50% marks in Semester End Exam and</li> <li>ii) 50% of marks in Continuous Internal Evaluation and Semester End Exam (CIE+SEE) together, in a particular course, to be declared as 'PASS' in that course.</li> </ul>
		<p>The members approved the proposal for the pass criteria for MBA program which will be effective from the batch joining in the AY. 2025-26.</p>
<b>Item No: 6</b>	<b>:</b>	<b>Any other item with the permission of the chair</b>
<b>Minutes</b>	<b>:</b>	<p><b>6.1</b> The Vice-Principal (Academics) requested approval from Dean of the Faculty of Engineering, OU, to consider courses done well in advance by the students through MOOCs and which are available in the final year curriculum as valid without any further evaluation at the institute level. The Dean of the Faculty of Engineering, OU, approved the CoE's proposal.</p> <p><b>6.2</b> The CoE sought approval from the Dean of the Faculty of Engineering, OU, to conduct advanced supplementary examinations, especially for credit-based detained students. Additionally, the Director of AEC &amp; CoE and the Controller of Examinations informed that a uniform policy would be formulated for all students in this regard. The Dean of the Faculty of Engineering, OU, approved the proposal.</p> <p><b>6.3</b> The Director of Academics requested the Dean of the Faculty of Engineering, OU, to approve the proposal for framing the new regulations, i.e., R-26, for both UG and PG programs. The Dean of the Faculty of Engineering, OU, approved the proposal from the Director of Academics.</p> <p><b>6.4</b> The Director of Academics informed that the institute as per the recommendations from R &amp; D section of CBIT and experts from Academic fraternity have suggested below presented change with respect the plagiarism percentage. The Director Academics sought approval from the Dean of the Faculty of Engineering, OU for the same.</p>

	Program	Existing Plagiarism %	Proposed Plagiarism %
B.E. / B. Tech	20%	≤ 30 %	
M.E. / M. Tech	15%	≤ 25 %	
MCA / MBA	15%	≤ 25 %	

The Dean of the Faculty of Engineering, OU, informed that there is currently no plagiarism policy in place for UG programs at OU, whereas a 20% plagiarism limit is permitted for PG programs. The Dean approved the proposal from the Director of Academics regarding the plagiarism limit for UG, but recommended revising the limit to 20% for PG courses.

At the end Dean of the Faculty of Engineering, OU, suggested the following recommendations:

- List of up skilling courses offered to the students should be approved in the BoS.
- There should be equal distribution of credits semester wise as followed in OU.
- For these types of meetings there should be offline involvement of all the members.
- Fractions in the total credits for each semester should be avoided. This can be done by considering a range for overall credits like 160-170, as followed by OU.
- In calculating plagiarism even literature survey can be excluded.

**Conclusion Remarks :** Prof. C. V. Narasimhulu, Principal and Chairman-Academic Council thanked all the external members for sparing their valuable time and providing valuable suggestions.

**Vote of Thanks :** There being no other item for discussion, the meeting concluded with a vote of thanks by Prof. P. Prabhakar Reddy, Director-Academics.

*Reddy*  
Director-Academics  
Convener-Academic Council



*W.S.*  
PRINCIPAL  
Chairman-Academic Council

**SUB: ADDENDUM TO 14<sup>th</sup> ACADEMIC COUNCIL**

Dear Sir/ Madam,

In continuation to the earlier mail regarding the subject mentioned and as per the Osmania University expert team suggestions during their recent visit to CBIT regarding the extension of affiliation to the MCA Program, and subsequently, the Department of MCA revised its curriculum with R-25 Regulations and took its approval in its recent BoS meeting held on 12-08-2025. The Minutes of their BoS meeting and revised R-25 Scheme for all the four semesters and Syllabus for I and II semesters are shared herewith for your kind perusal. Kindly look into it, provide suggestions if any and approve the same for its implementation from the upcoming Academic Year 2025-26 onwards.

With regards

PRINCIPAL

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**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**  
**MINUTES OF BoS-MEETING**

MCA Department BoS (Hybrid mode) meeting was conducted on 12-08-2025 at 2:00 PM

**Agenda**

1. Introduction of BoS members
2. Confirmation of minutes of meeting (online) held on 28-04-2025.
3. Approval of R25 MCA Schema for I, II, III and IV semesters and Syllabus of I and II semesters.
4. Any other item with the permission of the Chairperson

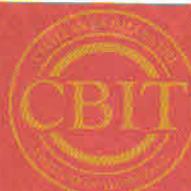
**The following members were present:**

S No	Name	Organization	Designation
1.	Dr. B. Indira	Head, MCA Dept., CBIT	Chairperson
2.	Prof. K. Shyamala	Head, CSE Dept., OUCE	Special Invitee from OU
3.	Suresh Kumar Lokhande	Associate Professor Computer Science & Engineering, Osmania University	Member, BoS
4.	Prof. S. Viswanadha Raju	Dept. of CSE, JNTU Jagtial.	Member, BoS
5.	Prof. R. Sridevi	Dept. of CSE, JNTUH.	Member, BoS
6.	Mr. Chandra Mouli	Quality Analyst and Delivery Manager, SRnD Global, Hyderabad	Member, BoS
7.	Dr. B. Kranthi Kiran	JNTU, Hyderabad. Professor in CSE & Deputy Director	Member, BoS
8.	Prof. Y. Rama Devi	Head, Dept. of AIML, CBIT	Special Invitee from CBIT
9.	Mr. CNVBR Sri Gowrinath	Specialist Learning, Java Track, LTA, Infosys, Hyderabad	Special Invitee from Industry
10.	Mr. Rishabh Verma	Software Developer, Capgemini, Mumbai.	Alumni
11.	Mr. P. Krishna Prasad	Assistant Professor, MCA Dept.	Member, BoS

The Chairperson welcomed the BoS members and briefed them about the Institute Vision, Mission and Department Vision and Mission. MCA Department PEOs, POs were presented.

**1. Introduction of BoS members**

The chairperson introduced members of the BoS and welcomed all for the Meeting.



## 2. Confirmation of minutes of meeting (online) held on 28-04-2025.

Minutes of BoS meeting held on 28-04-2025 were confirmed.

## 3. Approval of R25 MCA Schema of I, II, III and IV semesters and Syllabus of I and II semesters.

Schema of I, II, III and IV Semesters for MCA program was presented and the Members of BoS Committee gave their valuable suggestions which are tabulated below along with modifications incorporated.

The following table includes the suggestions and corresponding modifications.

S. No	Course / Area	Suggestions by BoS members	Modifications incorporated
1.	Data Structures using C++	Reduce Unit V content; include array concepts in lab programs	Unit V reduced; arrays added; few applications and arrays programs are added.
2.	Computer Architecture	Add pipelining content and latest reference books.	Pipelining content added; book list updated.
3.	Probability and Statistics for Data Science	Remove formulas from course content.	Formulas removed.
4.	Mathematical Foundations of Computer Science	Add applications wherever possible	Applications added for Units I-III
5.	Java Programming	Replace buzzwords with concise introduction to Java.	Introduction revised; buzzwords removed.
6.	Database Management Systems	Update latest books; add JSON and MongoDB in lab.	Latest books added; JSON and MongoDB programs included.
7.	Business Intelligence and Analysis	Review and revise title and syllabus.	Title revised to "Business Analytics" and syllabus is reviewed
8.	Design and Analysis of Algorithms	Analysis perspective for Elementary data Structures	Incorporated
9.	Third Semester Curriculum	Include DevOps, Agile, and software development.	DevOps included; Agile and software development integrated.
10.	Data Engineering with Python	Reorder textbooks logically.	Textbooks reordered.
11.	Overall MCA Curriculum Design	Application-oriented syllabus.	Certain modifications are incorporated

## 4. Any other item

The meeting concluded by a vote of thanks by the Chairperson, BoS, thanking all the respected panel members for sparing their valuable time and attending the BoS meeting and for their valuable suggestions.



Chairperson, BoS  
HEAD

Department of MCA  
Chaitanya Bharathi Institute of Technology (A  
Autonomous) Hyderabad-500 075, Telangana