INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad – 500 043

MINUTES OF FIFTH MEETING OF THE ACADEMIC COUNCIL
HELD ON 12 JULY, 2018

The Fifth Meeting of the Academic Council was held at 03:00 PM on 12 July, 2018 (Thursday) in Sahana Board Room, Bharadwaja block.

Dr. L V Narasimha Prasad, chairperson of the Academic Council of Institute of Aeronautical Engineering, Dundigal, Hyderabad presided over the meeting.

The following members were present:

S No	Name	Designation	Category
1	Dr. L V Narasimha Prasad	Principal, Professor of Computer Science and Engineering, Institute of Aeronautical Engineering, Hyderabad	Chairperson
2	Dr. G K Vishwanadh	OSD to VC, Professor of Civil Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad	JNTUH Nominee
3	Dr. B Anjaneya Prasad	Director of Evaluation, Professor of Mechanical Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad.	JNTUH Nominee
4	Prof. A Damodaram	Vice - Chancellor Sri Venkateswara University, Tirupati.	Member
5	Mr. C Praveen Reddy	CEO and Managing Director, Automotive Robotics Engineering Services (India) Private Limited, Secunderabad.	Member
6	Dr. T V Suresh Kumar	Registrar – Academics, Professor of Computer Science and Engineering, M S Ramaiah Institute of Technology, Bangalore.	Member
7	Dr. K Rajendra Prasad	Professor and Head, Computer Science and Engineering.	Member
8	Dr. K Srinivasa Reddy	Professor and Head, Information Technology	Member
9	Dr. P Srinivasa Rao	Professor and Head, Mechanical Engineering	Member
10	Dr. P Sridhar	Professor and Head, Electrical and Electronics Engineering	Member
11	Dr. P Ashok Babu	Professor and Head, Electronics and Communication Engineering	Member
12	Dr. D Govardhan	Professor and Head, Aeronautical Engineering	Member
13	Dr. Venkata Ramana Gedela	Professor and Head, Civil Engineering	Member

PRINCIPAL
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
Telangana State

14	Dr. M Anitha	Professor and Head, Freshman Engineering	Member
15	Dr. T Srinivasa Rao	Professor and Head, Master of Business Administration	Member
16	Dr. P G Krishna Mohan	Professor of Electronics and Communication Engineering	Member
17	Dr. R V Krishnaiah	Professor of Electronics and Communication Engineering	Member
18	Dr. M Madhu Bala	Professor of Computer Science and Engineering	Member

The following members were absent:

S. No	Name	Designation	Category
19	Dr. N Yadaiah	Registrar, Professor of Electrical and Electronics Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad	Member

The Chairperson of the Academic Council welcomed all the members. The Academic Council discussed the agenda items and resolved as per the details given below.

Item No.1   To conform the minutes of Fourth Academic Council meeting held on 09 December, 2017:

Resolution   The house members conformed the minutes of Fourth Academic Council meeting held on 09 December, 2017.

Item No.2   To report on action taken on the minutes of Fourth Academic Council meeting held on 09 December, 2017:

Resolution   The house members accepted the action taken report on the minutes of Fourth Academic Council meeting held on 09 December, 2017.

Item No.3
Resolution   Academic calendar under Autonomous status for the Academic year 2018 – 19:
Resolved to approve Academic Calendars for B.Tech, M.Tech, and MBA Programmes for the academic year 2018 - 2019.

Item No. 4
Resolution   Recommendations of Board of Studies concerned during 09 to 11 July, 2018.
After perusal, the members approved the recommendations of Board of Studies on Academic Regulations IARE-18, for **B.Tech (AE, CSE, IT, ECE, EEE, ME, CE), M.Tech (Aerospace Engineering, CSE, Embedded Systems, CAD/CAM, Structural Engineering, Electrical Power Systems and Power Electronics and Electrical Drives)** and MBA programs; Course Structure of I and II semester B.Tech of all programs & Syllabi and Syllabi of Common Courses with Question Banks and Panels of Examiners; Course Structure of I, II, III and IV semester M.Tech. Programs and Syllabi with Question Banks and Panels of Examiners; Course Structure of MBA and Syllabi for I, II, III and IV semesters of MBA with Question Banks and Panels of Examiners.

PRINCIPAL
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
Telangana State

Item No.5	Approval of the minutes of Standing Committee meeting on 16 December, 2017:
Resolution	The members approved the detention due to shortage of attendance of MBA I and III Semester for the academic year 2017-18.
	The members also approved the shortage of attendance (65% to 75%) in each course of MBA I and III Semester for the academic year 2017-18.

Item No. 6	Approval of the minutes of Standing Committee meeting on 18 January, 2018:
Resolution	The members approved the detention due to shortage of attendance of M.Tech I Semester for the academic year 2017-18.
	The members also approved the shortage of attendance (65% to 75%) in each course of M.Tech I Semester for the academic year 2017-18.

Item No. 7	Approval of the minutes of Standing Committee meeting on 28 April, 2018:
Resolution	The members approved the detention due to shortage of attendance of B.Tech II and IV Semester for the academic year 2017-18.
	The members also approved the shortage of attendance (65% to 75%) in each course of B.Tech II and IV Semester for the academic year 2017-18.

Item No. 8	Approval of the minutes of Standing Committee meeting on 12 May, 2018:
Resolution	The members approved the detention due to shortage of attendance of MBA II and IV Semester for the academic year 2017-18.
	The members also approved the shortage of attendance (65% to 75%) in each course of MBA II and IV Semester for the academic year 2017-18.

Item No. 9	Approval of the minutes of Standing Committee meeting on 23 June, 2018:
Resolution	The members approved the detention due to shortage of attendance of M.Tech II Semester for the academic year 2017-18.
	The members also approved the shortage of attendance (65% to 75%) in each course of M.Tech II Semester for the academic year 2017-18.

Item No. 10	Nomination of Experts of Board of Studies for 2018 – 2019, 2019 - 2020 and 2020 – 2021 (next Three years).
Resolution	The members resolved to approve the Panels of Experts finalized by the Scrutiny Committee and to authorize the Chairman, Academic Council to select expert outside the approved panels, as and when necessary.

Nomination of new members:

S No	Name of the subject expert members	Department	Category	Designation and address
1	Mr. CH Jayasimha Reddy	AE and ME	Industry Expert	CEO, MTE Industries, Medak
2	Dr. P Premchand	CSE and IT	Subject Expert	Professor of CSE, Osmania University, Hyderabad

3	Dr. L Pratap Reddy	ECE	Subject Expert	Professor of ECE, JNTUH, Hyderabad
4	Dr. D Rama Krishna	ECE	Subject Expert	Professor of ECE, OU, Hyderabad
5	Dr. Sukumar Mishra	EEE	Subject Expert	Professor of Electrical Engineering, IIT, New Delhi
6	Dr. A Veeresh Babu	ME	Subject Expert	Professor of ME, NITW, Warangal
7	Er. T V Dayakara Rao	CE	Industry Expert	Assistant Vice-President, My Home Constructions, Hyderabad
8	Mr. B. Raja Sekhar	CE	Industry Expert	Industry Expert
9	Dr. D Raghunatha Reddy	MBA	Subject Expert	Professor, JNTUH, Hyderabad
10	Mr. Tekumudi Shiva Prasad	MBA	Industry Expert	CEO, Indriyan Data Analytics Pvt. Ltd., Hyderabad
11	Mr. C. Yuktesh	IT	Industry Expert	Software Engineer, IBM, Hyderabad
12	Dr. D S Sharada	Chemistry	Subject Expert	IITH, Hyderabad
13	Dr. Sumita Roy	English	Subject Expert	Professor, Department of English, Osmania University, Hyderabad
14	Dr. G Ramesh	Mathematics	Subject Expert	Associate Professor, Department of Mathematics IITH, Hyderabad
15	Dr. V Kanchana	Physics	Subject Expert	Associate Professor Department of Physics IITH, Hyderabad

Extension of tenure for the existing members:

S No	Name of the subject expert members	Department	Category	Designation and address
1	Dr. B T N Sridhar	AE	Subject Expert	Professor of AE, MIT, Chennai
2	Dr. Seela Veerabhadreswara Rao	CSE	Subject Expert	Professor of CSE, IITG-Guwahathi
3	Dr. B Padmaja Rani	CSE	Subject Expert	Professor of CSE, JNTUH, Hyderabad
4	Dr. Ch Sri Nagesh	CSE	Industry Expert	Principal E&R, Infosys, Hyderabad
5	Mr. Phanindra G Venkat	CSE	Alumni	Software Engineer, Microsoft, Hyderabad
6	Dr. C Krishna Mohan	IT	Subject Expert	Professor of CSE, IITH, Hyderabad
7	Dr. OBV Ramanaiah	IT	Subject Expert	Professor of CSE, JNTUH, Hyderabad
8	Dr. NVS Narasimha - Sarma	ECE	Subject Expert	Professor of ECE, NITW, Warangal
9	Mr. O V S Gopal Bhargav	ECE	Alumni	IC Designer Meenakshi-Tech Park, Hyderabad
10	Mr. U Konda Reddy	ECE	Industry Expert	Technical Leader, Cyient, Hyderabad
11	Dr. E VidyaSagar	EEE	Subject Expert	Associate Professor of EEE, OU, Hyderabad

PRINCIPAL
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
Telangana State

12	Dr. G N Srinivas	EEE	Subject Expert	Professor of EEE, JNTUH, Hyderabad
13	Mr. J L P Thilak	EEE	Industry Expert	Sr. Manager, Nucon Industries Pvt. Ltd., Hyderabad
14	Dr. G Siva Kumar	EEE	Subject Expert	Assistant Professor of EEE, NITW, Warangal
15	Mr. D Sumadeep	EEE	Alumni	Lavis Engineering India Pvt. Ltd., Hyderabad
16	Dr. Manzoor Hussain	ME	Subject Expert	Professor of ME, JNTUH, Hyderabad
17	Mr. K Manikanta	ME	Alumni	Managing Director, VINCI Innovative Engineering, Hyderabad
18	Dr. V Bhikshma	CE	Subject Expert	Professor of CE, OU, Hyderabad
19	Dr. K Gopi Krishna	CE	Subject Expert	Assistant Professor of CE, NITW, Warangal
20	Mr. A. Nitish	CE	Alumni	Civil Engineer, Hyderabad
21	Mr. Ar S P Anchuri	CE	Industry Expert	Chief Consultant, Anchuri and Anchuri Co. Ltd., Hyderabad
22	Dr. A Prabhu Kumar	MBA	Subject Expert	Professor & Director of Management Studies, SMS, JNTUH, Hyderabad
23	Dr. M Mohan	MBA	Subject Expert	Professor of MBA, Vishwa Vishwani Business School, Hyderabad
24	Ms. B Sarika	MBA	Alumni	Senior Analyst, Deloitte, Hyderabad

Item No. 11 **Suggestions from committee members:**

The following suggestions were made by the members of the Academic Council:

1. Prepare a list of Journals of publications by each department from UGC specified list of journals.
2. Research and Development Mentoring Committee to monitor the quality of research and to identify industry and societal needs.
3. Presentation of Department wise outcomes and achievements.
4. Pursuing Linkages with Foreign Universities / Organizations.
5. Present a separate list of students pursuing Higher Education in India and aboard.
6. Explore opportunities to tie up with CII to undertake potential consultancy work.
7. Sending proposals for eternal funding under various schemes in innovation, incubation and research.

The members resolved to authorize the Chairman of Academic Council, the Principal, Institute of Aeronautical Engineering to effect necessary charges / modifications in the Academic Regulations / Syllabi / Evaluation procedures and Results wherever deemed necessary and report the same to the Academic Council at its immediate next meeting for ratification.

PRINCIPAL
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
Telangana State

S. No	Name	Category	Signature
1	Dr. L V Narasimha Prasad	Chairperson	
2	Dr. G K Vishwanadh	Member	
3	Dr. B Anjaneya Prasad	Member	
4	Prof. A Damodaram	Member	
5	Mr. C Praveen Reddy	Member	
6	Dr. T V Suresh Kumar	Member	
7	Dr. K Rajendra Prasad	Member	
8	Dr. K Srinivasa Reddy	Member	
9	Dr. P Srinivasa Rao	Member	
10	Dr. P Sridhar	Member	
11	Dr. P Ashok Babu	Member	
12	Dr. D Govardhan	Member	
13	Dr. Venkata Ramana Gedela	Member	
14	Dr. M Anitha	Member	
15	Dr. T Srinivasa Rao	Member	
16	Dr. P G Krishna Mohan	Member	

PRINCIPAL
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
Telangana State

41

17	Dr. R V Krishnaiah	Member	
18	Dr. M Madhu Bala	Member	

MINUTES OF FIFTH BOARD OF STUDIES MEETING (BOS) IN DEPARTMENT OF INFORMATION TECHNOLOGY HELD ON 09 JULY 2018

INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

(Approved by AICTE | NAAC Accreditation with 'A' Grade | Accredited by NBA | Affiliated to JNTUH)

Dundigal, Hyderabad - 500 043

DEPARTMENT OF INFORMATION TECHNOLOGY

MINUTES OF FIFTH BOARD OF STUDIES (UG) MEETING IN INFORMATION TECHNOLOGY HELD ON 09 JULY 2018

Members Present:

S.No	Name	Portfolio	Designation
1	Dr. K Srinivasa Reddy	Chairman	Professor & Head Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
2	Dr. C Krishna Mohan	Member (Subject Expert)	Professor Computer Science and Engineering Indian Institute of Technology, Hyderabad Kandi, Sangareddy.
3	Dr. O B V Ramanaiah	Member (Subject Expert)	Professor Computer Science and Engineering J N T University, Hyderabad - 085
4	Mr. Mohana Rao	Member Invitee (Industry Expert)	CapGemini, Hyderabad
5	Dr. I Surya Prabha	Member	Professor, Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
6	Dr. Praveen Ayyappa	Member	Professor, Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
7	Mr. Ch Suresh Kumar Raju	Member	Associate Professor, Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
8	Mr. B Sai Teja	Member (Alumni)	Software Engineer, LG Soft India Private Limited, Embassy Tech Square, Bengaluru.

Members Absent:

S.No	Name	Portfolio	Designation
1	Dr. G Vijaya Kumari	JNTUH Nominee	Professor Computer Science and Engineering J N T University, Hyderabad - 085
2	Mr. Mohan Raj	Member (Industry Expert)	DGM, Academic Initiative, IBM India Pvt. Ltd., Hyderabad - 034

The Chairman welcomed all the members present for the Fifth Board of Studies (BOS) meeting of Information Technology (IT).

1. **Confirmation of the minutes of the Second Board of Studies Meeting.**

   The minutes of Fourth Board of Studies Meeting held on 25 November, 2017 were circulated to all the members for their comments. As there were no comments, it was declared that the minutes were confirmed.

2. **Approval of Academic Rules & Regulations – B.Tech**

   It is RESOLVED to adopt the B.Tech academic Rules & Regulations, IARE-R18 as approved in the Joint Board of Studies for the B. Tech (IT) program for the batches of students admitted from the academic year 2018 – 2019 (Given in Annexure – I).

3. As per the suggestions given by the experts the contents of the course **Programming for Problem Solving,** and **Programming for Problem Solving Laboratory** of II SEMESTER are modified and RESOLVED to adopt the modified syllabus.

4. As per the suggestions given by the experts the Course structure for the III, IV Semesters is finalized, and course structure for V, VI, VII, and VIII Semesters has been prepared and approved tentatively. This is to be reviewed and approved in the next BOS meeting. (Given in Annexure – II)

5. As per the suggestions given by the experts the course **Computer Organization and Architecture** is shifted to IV Semester from V Semester.

6. As per the suggestions given by the experts **Python Programming Lab** is included in IV Semester to enhance the programming skills of students.

7. As per the suggestions given by the experts **Data Mining and Analytics** and **Data Mining and Analytics Lab** is included in V Semester.

8. As per the suggestions given by the experts **Web Technologies Lab** is renamed as **Web Technologies and Scripting Lab** in V Semester.

9. **Syllabus of I, and II Semester Courses:**

   Chairman BOS - IT apprised the members that syllabi of the following I and II Semester courses of B.Tech program was finalized in the meeting of Joint Board of Studies.

   1. English (Common for all Branches)
   2. Linear Algebra and Calculus (Common for all Branches)
   3. Engineering Chemistry (Common for all Branches)
   4. Engineering Chemistry Laboratory (Common for all Branches)
   5. English Language and Communication Skills Laboratory (Common for all Branches)
   6. Fundamentals of Electrical Engineering (IT/CSE/CE)
   7. Fundamentals of Electrical Engineering Laboratory (IT/CSE/CE)
   8. Semiconductor Physics (IT/CSE)
   9. Engineering Physics Laboratory (Common for all Branches)
   10. Engineering Graphics and Design Laboratory (Common for all Branches)
   11. Programming for Problem Solving (Common for all Branches)

12. Programming for Problem Solving Laboratory (Common for all Branches)
13. Workshop / Manufacturing Practices Laboratory (Common for all Branches)
14. Probability and Statistics (IT/CSE)

10. **Subjects of III, IV, V, VI, VII and VIII B.Tech:**

Course structure of B. Tech (Information Technology) was presented by the Chairman BOS, IT and proposed the subjects of III, IV, V, VI, VII and VIII B.Tech in semester pattern, scheme of instruction, marks, credits and elective subjects were discussed.

a. The course **Project based Learning (Prototype / Design Building) Laboratory** will be introduced in V Semester.

b. The course **Research Based Learning (Fabrication / Model Development) Laboratory** will be introduced in VI Semester.

c. The course **Essence of Indian Traditional Knowledge** will be introduced in V Semester.

d. **Professional Elective – I** is introduced in V Semester, **Professional Elective – II** and **Professional Elective – III** are introduced in VI Semester, **Professional Elective – IV** and Professional **Elective – V** and **Professional Elective – VI** in VIII Semester.

e. **Open Elective – I** is introduced in VI Semester, **Open Elective – II** and **Open Elective – III** are introduced in VII Semester, **Open Elective – IV** is introduced in VIII semester.

11. **Panel of Examiners for question paper setting for the courses in I and II semester B.Tech (Information Technology)**
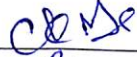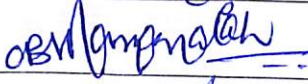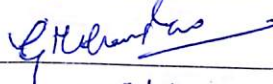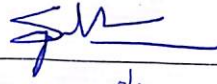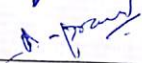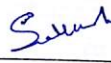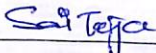
➢ The panel of examiners for question paper setting for II Semester for the subject of Programming for Problem Solving proposed by the Chairman, BOS – Information Technology and is approved (Given in Annexure – III).

➢ It is **RESOLVED** to authorize the panel of examiners for question paper setting for the course Fundamentals of Electrical Engineering in B. Tech I Semester by the Chairman, BOS - Electrical and Electronics Engineering.

➢ It is **RESOLVED** to authorize the panel of examiners for question paper setting for the subjects Linear Algebra and Calculus, Engineering Chemistry, English, Probability and Statistics, Semiconductor Physics in B. Tech I and II semester by the Chairman, BOS - Freshman Engineering.

12. After the perusal of Model Question Papers submitted by the chairman, BOS – IT for the courses, Principles of Problem Solving it is **RESOLVED** to adopt the same.

13. **Any Other Item:**
a) III, IV, V, VI, VII and VIII Semester B.Tech (Information Technology) Syllabi:
The members recommended the Chairman BOS, IT to prepare detailed syllabi for III, IV, V, VI, VII and VIII semesters of B.Tech, subjects including elective subjects with the help of Internal Members.

b) The detained students under JNTUH curriculum (R15 or R13), due to lack of credits, on readmission for the academic year 2018-2019 in V semester under IARE-R16 Autonomous regulations has to follow the transitory regulations of IARE-R16. The members approved the same.

c) Send the "Draft Syllabi" to all the External Members, to obtain and incorporate the suggestions received.

Meeting concluded with thanks to the chair.

S.No	Name	Portfolio	Signature
1	Dr. K Srinivasa Reddy	Chairman	
2	Dr. C Krishna Mohan	Member (Subject Expert)	
3	Dr. O B V Ramanaiah	Member (Subject Expert)	
4	Mr. Mohana Rao	Member (Industry Expert)	
5	Dr. I Surya Prabha	Member	
6	Dr. Praveen Ayyappa	Member	
7	Mr. Suresh Kumar Raju	Member	
8	Mr. B Sai Teja	Member (Alumni)	

Dr. K Srinivasa Reddy
Chairman, BOS - IT

INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

(Approved by AICTE | NAAC Accreditation with 'A' Grade | Accredited by NBA | Affiliated to JNTUH)

Dundigal, Hyderabad - 500 043

DEPARTMENT OF INFORMATION TECHNOLOGY

MINUTES OF FOURTH BOARD OF STUDIES (UG) MEETING IN INFORMATION TECHNOLOGY HELD ON 25 NOVEMBER 2017

Members Present:

S.No	Name	Portfolio	Designation
1	Dr. K Srinivasa Reddy	Chairman	Professor & Head Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
2	Dr. C Krishna Mohan	Member (Subject Expert)	Professor Computer Science and Engineering Indian Institute of Technology, Hyderabad
3	Dr. O B V Ramanaiah	Member (Subject Expert)	Professor Computer Science and Engineering J N T University, Hyderabad – 085
4	Mr. Lawrence Mohan Raj	Member (Industry Expert)	DGM, Academic Initiative, IBM India Pvt. Ltd., Hyderabad - 034
5	Dr. I Surya Prabha	Member	Professor, Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
6	Mr. Praveen Ayyappa	Member	Associate Professor, Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
7	Mr. B Sai Teja	Member (Alumni)	Software Engineer, LG Soft India Private Limited, Embassy Tech Square, Bengaluru.

Members Absent:

S.No	Name	Portfolio	Designation
1	Dr. G Vijaya Kumari	JNTUH Nominee	Professor Computer Science and Engineering J N T University, Hyderabad - 085

INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

(Approved by AICTE | NAAC Accreditation with 'A' Grade | Accredited by NBA | Affiliated to JNTUH)

Dundigal, Hyderabad - 500 043

DEPARTMENT OF INFORMATION TECHNOLOGY

MINUTES OF FOURTH BOARD OF STUDIES (UG) MEETING IN INFORMATION TECHNOLOGY HELD ON 25 NOVEMBER 2017

Members Present:

S.No	Name	Portfolio	Designation
1	Dr. K Srinivasa Reddy	Chairman	Professor & Head Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
2	Dr. C Krishna Mohan	Member (Subject Expert)	Professor Computer Science and Engineering Indian Institute of Technology, Hyderabad
3	Dr. O B V Ramanaiah	Member (Subject Expert)	Professor Computer Science and Engineering J N T University, Hyderabad – 085
4	Mr. Lawrence Mohan Raj	Member (Industry Expert)	DGM, Academic Initiative, IBM India Pvt. Ltd., Hyderabad - 034
5	Dr. I Surya Prabha	Member	Professor, Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
6	Mr. Praveen Ayyappa	Member	Associate Professor, Information Technology Institute of Aeronautical Engineering Dundigal, Hyderabad-043
7	Mr. B Sai Teja	Member (Alumni)	Software Engineer, LG Soft India Private Limited, Embassy Tech Square, Bengaluru.

Members Absent:

S.No	Name	Portfolio	Designation
1	Dr. G Vijaya Kumari	JNTUH Nominee	Professor Computer Science and Engineering J N T University, Hyderabad - 085

The Chairman welcomed all the members present for the Fourth Board of Studies (BOS) meeting of Information Technology (IT).

1. **Confirmation of the minutes of the Third Board of Studies Meeting.**

    The minutes of Third Board of Studies Meeting held on 20 May, 2017 were circulated to all the members for their comments. As there were no comments, it was declared that the minutes were confirmed.

2. **Approval of Academic Rules & Regulations – B.Tech**

    It is RESOLVED to adopt the B.Tech academic Rules & Regulations, IARE-R18 as approved in the Joint Board of Studies for the B. Tech (IT) program for the batches of students admitted from the academic year 2018 – 2019 (Given in Annexure – I).

    Approval of Modified IARE-R16 Regulations to incorporate in IARE-R18 Regulations:

    Continuous Internal Assessment (CIA):

    For each theory course the CIA shall be conducted by the faculty/teacher handling the course as given in Table 1. CIA is conducted for a total of 30 marks, with 20 marks for Continuous Internal Examination (CIE), 05 marks for Quiz and 05 marks for Alternative Assessment Tool (AAT).

    Table 1: Assessment pattern for Theory Courses

COMPONENT	THEORY			TOTAL MARKS
Type of Assessment	CIE Exam (Sessional)	Quiz	AAT	
Max. CIA Marks	20	05	05	30

3. As per the suggestions given by the experts the contents and organization of the course **Problem Solving using C** is modified and **RESOLVED** to adopt the modified syllabus.

4. **Syllabus of I, and II Semester Courses:**

    Chairman **Dr. K Srinivasa Reddy** apprised the members that syllabi of the following I and II Semester courses of B.Tech program was finalized in the meeting of Joint Board of Studies.

    1. Linear Algebra and Ordinary Differential Equations (Common for all Branches)
    2. Computational Mathematics and Integral Calculus (Common for all Branches)
    3. Engineering Physics (Common for all Branches)
    4. Engineering Chemistry (Common for all Branches)
    5. Problem Solving Using C (Common for all Branches)
    6. Engineering Physics (Common for all Branches)
    7. Engineering Chemistry Laboratory (Common for all Branches)
    8. Problem Solving Using C Laboratory (Common for all Branches)
    9. Computer Aided Engineering Drawing Laboratory (Common for all Branches)

10. English For Communication

11. Probability and Statistics (Common for CSE / IT)

12. Environmental Studies (Common for all Branches)

13. Data Structures (Common for all Branches)

14. Fundamentals of Electrical and Electronics Engineering (Common for CSE / IT)

15. Communication Skills Laboratory (Common for all Branches)

16. Data Structures Laboratory (Common for all Branches)

17. Engineering Practices Laboratory (Common for all Branches)

5. **Courses of III, IV, V, VI, VII and VIII Semesters of B.Tech Program:**

Course structure of B.Tech (Information technology) was presented by the Chairman BOS, IT, proposed the courses of **III, IV, V, VI, VII and VIII** in Semester pattern, scheme of instructions, marks, credits and elective courses were discussed.

As per the suggestions given by the experts, it is resolved to introduce the following courses in the respective semesters:

a. The course **Technical Writing and Content Development** Laboratory will be introduced in V semester.

b. **Professional Elective – I, II, III and IV** are introduced in V, VI, VII and VIII semesters respectively.

c. **Mini Project** is introduced in the VI semester.

d. **Open Elective - I and II** is introduced in **VI and VII** semesters respectively.

e. **Value Added Course** is introduced in VI semester.

f. **Advanced Programming Laboratory** is introduced in VII semester

g. **Comprehensive Examination** is introduced in VIII semester.

The members unanimously approved "Course Structure" of B.Tech Information Technology (Given in Annexure – II)

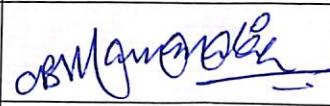6. **Panel of Examiners for question paper setting for the courses in I and II semester**
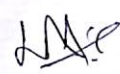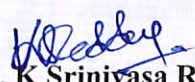
    B.Tech (Information Technology)

    ➢   The panel of examiners for question paper setting for I and II Semesters proposed by the Chairman, BOS – Information Technology for Problem Solving using C, Data Structures are **approved** (Given in Annexure – III).

    ➢   It is **RESOLVED** to authorize the panel of examiners for question paper setting for the course Fundamentals of Electrical and Electronics Engineering in B. Tech II Semester by the Chairman, BOS - Electrical and Electronics Engineering.

    ➢   It is **RESOLVED** to authorize the panel of examiners for question paper setting for the subjects English for Communication, Engineering Physics, Engineering Chemistry, Computational Mathematics and Integral Calculus, Linear Algebra ·and Ordinary

Differential Equations, Environmental Studies, Probability and Statistics in B. Tech I and II semester by the Chairman, BOS - Freshman Engineering.

7. After the perusal of Model Question Papers submitted by the chairman, BOS – IT for the courses, Problem Solving using C and Data Structures it is **RESOLVED** to adopt the same.

8. **Subjects of V, VI, VII and VIII B.Tech:**
    Course structure of B. Tech (Information Technology) was presented by the Chairman BOS, IT Proposed courses of **V, VI, VII and VIII B.Tech** in semester pattern, scheme of instruction, marks, credits and elective subjects were discussed. Mini Project in V Semester, Open Elective – I and II in VI and VII semesters respectively, Professional Electives – I in V semester, Professional Electives – II in VI semester, Professional Electives – III in VII semester and Professional Electives – IV in VIII semester were considered appropriate.

9. **Any Other Item:**

    a) **III, IV, V, VI, VII and VIII Semester B. Tech (Information Technology) Syllabi:**
        The members recommended the Chairman BOS (IT) to prepare detailed syllabi for III, IV, V, VI, VII and VIII semesters of B.Tech, courses including elective courses with the help of Internal Members.

    b) The Industry expert from CapGemini, Hyderabad has suggested the Chairman and members of BOS (IT) to visit CapGemini Hyderabad office to interact with some more experts working in different verticals.

    c) Send the "Draft Syllabi" to all the External Members, obtain and incorporate the suggestions received.

10. The Members requested the Chairman, BOS in Information Technology has requested the members to introduce a skilled professional training Lab, **which is required for the students to be trained in the area required to meet the current day need of the Industry.**

Meeting concluded with thanks to the chair.

S.No	Name	Designation	Signature
1	Dr. K Srinivasa Reddy	Chairman	
2	Dr. G VijayaKumari	JNTUH Nominee	
3	Dr. OBV Ramanaiah	Member (Subject Expert)	
4	Dr. C Krishna Mohan	Member (Subject Expert)	
5	Mr. Lawrence Mohanraj	Member (Industry Expert)	
6	Dr. I Surya Prabha	Member	
7	Mr. Praveen Ayyappa	Member	
8	Mr. B. Sai Teja	Member (Alumni)	

Dr. K Srinivasa Reddy
Chairman, BOS - IT