ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES :: TIRUPATI
(AUTONOMOUS)
Venkatapuram (V), Karakambadi (P), Renigunta (M), Tirupati -517 520.
Chittoor Dist., Andhra Pradesh.

Department of Artificial Intelligence

The 4th meeting of BOS (On-line) UG-AIML has been organized by the department of Artificial Intelligence (AIML)held on 17-07-2024 at 3:45 PM, via Microsoft Teams.

MEMBERS PRESENT:

S. No.	Name of the Person	Designation	Position
1	Dr C Siva Balaji Yadav	Professor, HOD-AIDS & AIML AITS – Tirupati	Chairman
2	Mr E D Pavan Kumar	Assistant Professor, AITS - Tirupati	Member
3	Mrs H Teja	Assistant Professor, AITS-Tirupati	Member
4	Ms V S Gayathri	Assistant Professor, AITS-Tirupati	Member
5	Mr A R Kishore Kumar	Assistant Professor, AITS-Tirupati	Member
6	Dr. M.Humera Khanam	Professor Department of Computer Science and Engineering, S V University College of Engineering, Sri Venkateswara University, Tirupati – 517 502	Member (Academic Council Nominee)
7	Dr.B.Jaison	Professor Department of Compute Science and Engineering, R.M.K. Engineering College RSM Nagar, Kavaraipettai, Gummidipoondi Taluk, Tiruvallur District - 601 206.	Member (Academic Council Nominee)
8	Dr. A. Suresh Babu	Professor of CSE & Controller of Examinations, JNT University Anantapur, Anantapuramu - 515001	Member (JNTU Nominated Subject Expert)
9	Mr. Sai Bhava Teja Chinnagolla,	Technology Analyst-2, Goldman Sachs, Bangalore	Industry Representative
10	Ms. Sireesha Policherla	Team Lead Capgemini Technology Services India Ltd., Bengaluru, Karnataka	P.G. Alumni

Agenda of the meeting:

1. Introduction of BOS Members by chairman-BOS.
2. Presentation of PO's, PSO's, PEO's and Curriculum by BOS chairman.
3. Read and review the suggestions on curricular aspects obtained by curriculum monitoring committee from stakeholders.
4. Approval of course structure for III, IV semesters of AK23 Regulations B. Tech AIML courses.
5. Approval of syllabi for III, IV semesters of AK23 Regulations B. Tech AIML courses.
6. Read the New Courses introduced in AK23 regulation and syllabus in comparison with AK20 Course structures.
7. Read and confirm the percentage change incorporated in AK23 course structure and syllabus in comparison with AK20 Course structures.
8. Read and confirm the carry forward courses without any changes in content in AK23 course structure and syllabus in comparison with AK20 Course structures.
9. Read and confirm the Course Composition credit distribution of the UG AIML (AK23 Regulation)
10. Approval for course outcomes of subjects for B. Tech-AIML courses.
11. Approval of CO – PO – PSO mapping for subjects of AK23 Regulations B. Tech courses.
12. The meeting concluded with vote of thanks by the Chair.

Meeting started with BOS Chairman welcoming the members.

i) **Agenda 1:** Introduction of BOS Members by chairman-BOS.

Resolution: 1.a: At the outset of the meeting, the chairman of the BOS, Dr. C Siva Balaji Yadav Welcomed all the members and introduced internal BOS members to external BOS members.

Resolution: 1.b: Mr. E D Pavan Kumar, Assistant Professor in AI is nominated as a new member of BOS-AIML in place of Mr. J Chandra Babu, Assistant Professor in CSE.

Resolution: 1.c: Mrs. H Teja, Assistant Professor in AI is nominated as a new member of BOS-AIML in place of Mr.T Sreenivasulu Reddy, Assistant Professor in CSE.

Resolution: 1.d: Ms. V S Gayathri, Assistant Professor in AI is nominated as a new member of BOS-AIML in place of Mrs. C Malathi, Assistant Professor in CSE.

Resolution: 1.e: Mr. A R Kishore Kumar, Assistant Professor in AI is nominated as a new member of BOS-AIML in place of Mr. P Bhanu Prakash, Assistant Professor in CSE.

Curriculum Related Comments (UG-AIML):

1. External BOS expert Dr. M.Humera Khanam advised to add one tutorial hour for Digital Logic & Computer Organization course.

2. External BOS expert Dr. M.Humera Khanam advised to add additional concepts "Pipelining and Parallel Processing" for Digital Logic & Computer Organization course.

3. External BOS expert Dr. Suresh Babu advised to update the Digital Logic & Computer Organization course reference textbook as Computer Organization & Architecture, 11th edition by William stalling.

4. External BOS expert Dr. M.Humera Khanam advised to include review of Binary Search Trees in Advanced Data Structures Course.

5. External BOS expert Dr. Suresh Babu advised to reduce lecture hours for Object Oriented Programming through JAVA course.

6. External BOS expert Dr. M.Humera Khanam advised to add one more updated text book for Machine Learning course.

7. External BOS expert Dr. Suresh Babu advised to add additional Online Resources for Machine Learning courses.

8. External BOS expert Dr. M.Humera Khanam advised to include AI&ML Lab Tasks as per the sequence of the syllabus Machine Learning Course.

9. External BOS expert Dr. M.Humera Khanam advised to add Course Objectives for Machine Learning course and also AI & ML lab.

10. P.G. Alumni Ms. Sireesha Policherla advised to include NoSQL Concepts in Database management System course.

11. P.G. Alumni Ms. Sireesha Policherla advised to include Regression Testing Concept in Software Engineering course.

ii) Agenda 2: Presentation of PO's, PSO's, PEO's and Curriculum by BOS chairman
Resolution: 2
The Chairman of BOS Dr C Siva Balaji Yadav read and reviewed the PO's, PSO's, PEO's and Curriculum.

iii) Agenda 3: Read and review the suggestions on curricular aspects obtained by curriculum monitoring committee from stakeholders.

Resolution: 3
The feedback taken from the stakeholders on curriculum (AK23), the following suggestions have reviewed and confirmed (given in the **annexure -I**) and is applicable from the A.Y. 2024-25
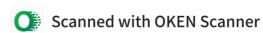   ✓ Add new courses such as Python Programming and Full Stack Development-I
   ✓ Include the emerging technology course for industry need.

iv) Agenda 4: Approval of course structure for III & IV semesters of AK23 Regulations B. Tech courses.

Resolution: 4

➢ After the detailed discussion the course structure for UG in AIML is approved (given in **Annexure –II**) and is applicable from the A.Y., 2024-25.

➢ The Syllabus of all Humanities & basic science courses are approved by the respective department Board of Studies.(The approved syllabus copies are attached in **Annexure –III**)

v) Agenda 5: Approval of syllabi for III & IV semester syllabus of UG in AIML of AK23 Regulation.

Resolution: 5

After the thorough discussion in the syllabus framed by internal members, syllabi was framed to make the students acquire the required technical knowledge and skills. The syllabi framed for III & IV semester UG in AIML. (Given in **Annexure –IV**) and is applicable from the A.Y., 2024-25 suggested.

vi) Agenda 6: Read the New Courses introduced in AK23 regulation and syllabus in comparison with AK20 Course structures.

Resolution: 6

With reference to the AK20 regulations, the new regulation (AK23) syllabus has the following modifications, which are given in the below table.

Table 1: List of new courses introduced in AK23 Regulation & List of removed courses from AK20 Regulation

S.NO	SUBJECT CODE	Name of the new Course introduced in AK23 Regulation	SUBJECT CODE	Name of the Course Removed in AK20 Regulation
1.	23ABS9913	Discrete Mathematics and Graph Theory	20ABS9914	Discrete Mathematical Structures
2.	23APC0503	Digital Logic& Computer organization	20APC3301	Digital Electronics and Microprocessors
3.	23APC3301	Machine Learning	20APC3306	Computer Organization and Architecture
4.	23APC3302	AI & ML Lab	20APC3307	Computer Organization and Microprocessor Lab
5.	23ASC0503	**Skilled Advanced Course** Full Stack Development-1	20ASC3301	Client Side Scripting
6.	23AES0304	Design Thinking & Innovation	20AMC9902	Constitution of India
7.	23AES0305	Optimization Techniques	20APC3308	Software Engineering for AI
8.			20APC3310	Artificial Intelligence Lab
9.			20ASC3302	Server Side Scripting

vii) Agenda 7:

Read and confirm the percentage change incorporated in AK23 course structure and syllabus in comparison with AK20 Course structures.

Resolution: 7

With reference to the AK20 regulations, the new regulation (AK23) syllabus has identified following list of courses with percentage change in syllabus contents, which are given in the below table.

Table 2: List of courses with percentage change in syllabus contents

S.No	Course Code	AK20 Regulation	Course Code	AK23 Regulation	Percentage of course content changed

viii) Agenda 8:

Read and confirm the carry forward courses without any changes in content in AK23 course structure and syllabus in comparison with AK20 Course structures.

Resolution: 8

With reference to the AK20 regulations, the new curriculum (AK23) syllabus has identified same course titles with no change in the course content, which are given in the below table.

Table 3: List of carry forward courses without any changes in content.

S.No	Course Code	AK20 Regulation	Course Code	AK23 Regulation
1.	20ABS9914	Discrete Mathematical Structures	23ABS9913	Discrete Mathematics & Graph Theory
2.	20AHS9905	Universal Human Values	23AHM9905	Universal Human ValueUnderstanding Harmony and Ethical Human Conduct
3.	20APC0512	Object Oriented Programming through Java	23APC0506	Object Oriented Programming Through Java
4.	20APC0514	Object Oriented Programming through Java Lab	23APC0507	Object Oriented Programming Through Java Lab
5.	20APC0502	Database Management Systems	23APC0508	Database Management Systems
6.	20APC0505	Database Management Systems Lab	23APC0509	Database Management Systems Lab

ix) Agenda 9: Read and confirm the Course Composition credit distribution of the UG AIML (AK23 Regulation)

Resolution: 9

The following table reviewed and confirmed by External BOS members:

Course Component	No. of Credits	% out of 160
Humanities and Social Science including Management (HM)	13	8
Basic Sciences (BS)	20	13
Engineering Sciences (ES)	23.5	14
Professional Core (PC)	54.5	34
Electives – Professional (PE) & Open (OE); Domain Specific Skill Enhancement Courses(SEC)	33	21
Internships & Project work(PR)	16	10
Mandatory Courses (MC)	Non-credit	Non-credit
Total	160	100

x) Agenda 10: Approval for course outcomes of various courses in B. Tech programmes.

Resolution: 10

After the thorough discussion of course outcomes for AK23 of B. Tech-AIML courses have been approved (given in **Annexure –V**).

xi) Agenda 11: Approval of CO – PO – PSO mapping for subjects of Second years of AK23 Regulations B. Tech courses.

Resolution: 11:

After the thorough discussion of CO – PO – PSO mapping for subjects of III & IV of AK23 Regulation B. Tech course have been approved (given in **Annexure –VI**).

The meeting concluded with vote of thanks by the Chairman, BOS.