MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

Department of Computer Applications

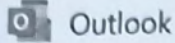### Approval of Members for Industry Alumni Advisory Board (IAAB) Meeting

The following members are appointed as External and Internal experts in the Industry Alumni Advisory Board for the academic year 2024-2025.

1.	Dr. N. Naveen Kumar Associate Professor & HoD, MCA, MITS	Chairman
2.	Dr. T. Srinivasa Rao Professor, Department of Computer Science, Indian Academy PG College (A) Bangalore.	External Member -- Academic Expert
3.	Mrs. Kalpana Nanda Gopal Sr. Manager- Projects, Cognizant Technology Solutions (CTS) Okkiyam, Thoraipakkam, Chennai.	External Member -- Industry Expert
4.	Mr. C. Keshava Reddy Full Stack Engineer, Telstra, Bangalore.	External Member – Alumni
5.	Prof. Goutam Chakraborty Professor and Dean, Dept. of CSE, MITS	Internal -- Academic Expert
6.	Dr. Basabi Chakraborty Professor and Dean, Dept. of CST, MITS	Internal -- Academic Expert
7.	Dr. C. Sivaraj Assistant Professor, MCA, MITS	Internal Member (Academic Coordinator)
8.	Dr. J. Srinivasan Assistant Professor, MCA, MITS	Internal Member
9.	Dr. M. Saravanamuthu Assistant Professor, MCA, MITS	Internal Member
10.	Dr. R. Maruthamuthu Assistant Professor, MCA, MITS	Internal Member

HOD/MCA
16/07/24

PRINCIPAL

Circular

 Outlook

Industry Alumni Advisory Board (IAAB) meeting of the Department of Computer Applications (A.Y 2024-2025) is scheduled on 20.07.2024 through Microsoft Teams at 2.00 pm.Reg.

From HoD-Master of Computer Application <mcahod@mits.ac.in>
Date Thu 7/18/2024 4:41 PM
To   kalpana.nandagopal@cognizant.com <kalpana.nandagopal@cognizant.com>

📎 2 attachments (3 MB)
MCA IAAB Invitation - Kalpana Nandagopal.docx; MCA R24 Sylllabus.pdf;

Respected Sir/Madam,

We are pleased to inform you that the Industry Alumni Advisory Board (IAAB) meeting of the Department of Computer Applications for the academic year 2024-2025 is scheduled on 20.07.2024 through Microsoft Teams at 2.00 pm . We request your gracious presence in the meeting as an Industry expert.
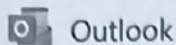Herewith, I have enclosed the MCA R24 Structure & Syllabus for your reference.

Regards,

Dr.N.Naveen Kumar
Head of the Department,
Department of Computer Applications,
Madanapalle Institute of Technology & Science ,
Post Box No: 14, Kadiri Road, Angallu (Village & Post)
Madanapalle-517325, Andhra Pradesh
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Email: mcahod@mits.ac.in

Outlook

Industry Alumni Advisory Board (IAAB) meeting of the Department of Computer Applications (A.Y 2024-2025) is scheduled on 20.07.2024 through Microsoft Teams at 2.00 pm.Reg.

From HoD-Master of Computer Application <mcahod@mits.ac.in>
Date Thu 7/18/2024 4:45 PM
To   Chintalakeshava251@gmail.com <Chintalakeshava251@gmail.com>

📎 3 attachments (6 MB)
MCA R24 Sylllabus.pdf; MCA R24 Sylllabus.pdf; MCA IAAB Invitation -Keshava Reddy.docx;

Respected Sir/Madam,

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Regards,

Dr.N.Naveen Kumar
Head of the Department,
Department of Computer Applications,
Madanapalle Institute of Technology & Science ,
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Department of Computer Applications

Minutes of Industry Alumni Advisory Board (IAAB) Meeting

Date: 20.07.2024

Time: 02.00PM to 04.00PM   **Venue: Microsoft Teams**

Agenda:

1. Introduction

   Overview of the Department and Introduction of external and internal members by HoD

2. Presentation of R24 MCA I year I semester / II semester Course Structure by Academic Coordinator Dr. C. Sivaraj.

3. Inputs from Industry, Alumnae and Academic experts by focusing on emerging areas, Current Industry Trends and best practices.

4. R24 I Year Curriculum thoughts

5. Summary of experts' reviews by Dr. Poonguzhali S

6. Vote of thanks by Dr. C. Sivaraj

Chairman	External Member -- Academic Expert
Dr. N. Naveen Kumar	Dr. T. Srinivasa Rao,
Associate Professor & HoD,	Professor, Department of Computer Science,
MCA, MITS	Indian Academy PG College (A),Bangalore.
External Member -- Industry Expert	**External Member – Alumni**
Mrs. Kalpana Nanda Gopal	Mr. C. Keshava Reddy
Sr. Manager- Projects,	Full Stack Engineer,
Cognizant Technology Solutions (CTS)	Telstra, Bangalore.
Okkiyam, Thoraipakkam, Chennai.	
Internal -- Academic Expert	**Internal -- Academic Expert**
Prof. Goutam Chakraborty	Dr. Basabi Chakraborty
Professor and Dean, Dept. of CSE, MITS	Professor and Dean, Dept. of CST, MITS
Internal Member	**Internal Member**
Dr. C. Sivaraj	Dr. J. Srinivasan
Assistant Professor, MCA, MITS	Assistant Professor, MCA, MITS
Internal Member	**Internal Member**
Dr. M. Saravanamuthu	Dr. R. Maruthamuthu
Assistant Professor, MCA, MITS	Assistant Professor, MCA, MITS

The meeting started at 02.00 PM and ended at approximately 04.00 PM. All members had actively participated and given their valuable suggestions:

(A softcopy of the R-24 MCA First Year Course Structure for suggestions was already shared with the IAAB Members through mail along with the Invitation)

Dr N. Naveen Kumar, HoD /MCA, Madanapalle Institute of Technology & Science, welcomed all the members, introduced all external & internal experts, and presented the Vision, Mission, PEOs, POs, and brief overview of the Department to the IAAB members.

Department Academic Coordinator **Dr C. Sivaraj** presented the R-24 First Year Course Structure to the IAAB members, and he requested all the IAAB members to review and provide their valuable inputs.

The board recommended the following suggestions:

<u>Academicians:</u>

Dr. T. Srinivasa Rao, Professor, Department of Computer Science, Indian Academy PG College (A), Bangalore, appreciated the department's effort to incorporate research-oriented and industry-specific courses in R24.
Suggestions: -
  i.   Searching problems can be included in the Advanced Data Structure Laboratory
  ii.   Unix operating may be introduced as a separate Course or unit in operating Systems course.
  iii. Statistics can be included in the mathematical foundation for Computer Applications course.
  iv.   Regular Expressions may be included in the appropriate course (Python or Java).
  v.   Advanced Java programming syllabus to be trimmed to accommodate the scheduled hours
  vi.   AI and ML courses may be merged as core courses.
  vii. Recommended to find the possibility to introduce the Big Data Analytics course in higher semester.
  viii. To provide Industry-specific training programs to the students to gain knowledge related to industry-required skills.

<u>Industry Experts:</u>

Mrs. Kalpana Nandhagopal, Sr. Manager- Projects, Cognizant Technology Solutions (CTS), Okkiyam, Thoraipakkam, Chennai, appreciated the R24 course structure and content of the courses as they meet the industry requirements. She expressed happiness with the course syllabus, such as Java, Java Laboratory, Artificial Intelligence, and its Laboratory.
Suggestions: -
  (i)   In Python programming course, the Database connectivity components need to be included and corresponding lab exercise also to be added in lab course.
  (ii) AI- Lab – NLP exercise can be included sentiment analysis concept.
  (iii) In the DMBS course, the NoSQL concept may be elaborated, which needs to be included in the corresponding LAB Exercises.
  (iv) Recommended to include testing tools which lead to grab opportunities in current industry.

Alumnae:

Mr. C. Keshava Reddy, Full Stack Engineer, Telstra, Bangalore suggested to provide strong fundamentals to the students and more industry specific training programs to enhance their back-end skills.
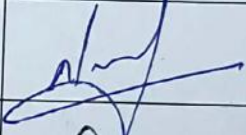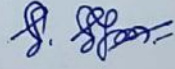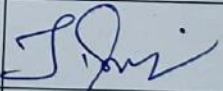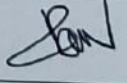
Suggestions: -

(i) Case Studies must be included in all possible courses.

(ii) To provide Industry-specific training programs to the students to gain knowledge related to industry-required skills.

Dr. Poonguzhali S summarised all the recommendations from external experts and proposed the vote of thanks.

Prof. T. Srinivasa Rao, External Member - Academic Expert, **Mrs. Kalpana NandhaGopal,** External Member -- Industry Expert and **Mr. C. Keshava,** Alumni are attended the meeting through online using MS-TEAMS App.

Department/Internal Faculty Members:

1.	**Dr. N. Naveen Kumar** Associate Professor & HoD, MCA, MITS	Chairman	
2.	**Prof. Goutam Chakraborty** Professor and Dean, Dept. of CSE, MITS	Internal -- Academic Expert	
3.	**Dr. Basabi Chakraborty** Professor and Dean, Dept. of CST, MITS	Internal -- Academic Expert	
4.	**Dr. C. Sivaraj** Assistant Professor, (Academic Coordinator) MCA, MITS	Internal Member	
5.	**Dr. J. Srinivasan** Assistant Professor, MCA, MITS	Internal Member	
6.	**Dr. M. Saravanamuthu** Assistant Professor, MCA, MITS	Internal Member	
7.	**Dr. R. Maruthamuthu** Assistant Professor, MCA, MITS	Internal Member	

05/08/24

Head of the Department