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BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

(Autonomous Institution Under VTU)

Yelahanka, Bengaluru -560119

Department of MCA

(Accredited by NBA, New Delhi)

Industry Interaction

The department of MCA organizes various activities to bridge the gap between academia and industry. The students are placed in various reputed companies working in the domain of development, testing, etc., To enable the students for industry exposure, they are encouraged to complete industry internship in the higher semester.

The department organizes various activities such as partial delivery of the courses, industrial visit and skill development program to focus on industrial needs to prepare them to enhance their competency with industrial expectations.

PDC-Partial Delivery of the Course by industry experts helps to bridge the gap between theoretical and practical aspects with special focus on industry based applications.

List of PDC Organized

S. No.	PDC Details	Curriculum covered under PDC	Academic Year	Participants	Contributing Industry
1.	Cyber Security – 22MCA3053	Network Address Translation Hands On, Digital Forensics Hands On – Log Analysis, Network Penetration	2024-25	III Semester	WINCYS, Bengaluru
2.	Practical Applications of Blockchain Technology – 22MCA3064	Minting Cryptocurrency, Cryptocurrency Network, Design of Smart Contracts	2023-24	III Semester	Samsung RI, Bengaluru
3.	Hands-on Workshop on AWS Cloud Services and Platform – 21MCA302	Cloud and Platform Services	2022-23	III Semester	AWS, Bengaluru
4.	Database Management System – 20MCA21	Transaction Management & Concurrency Control	2021-22	II Semester	Epsilon, Bengaluru

Expert Talks – Industry experts delivering talks/lectures on contemporary technologies will make the students understand the current trends in the industry from local and global perspectives. Any course newly introduced into the curriculum will first be introduced to the students through an expert talk to make them get the flavour of the course that can trigger inquisitiveness in them to learn the course. One expert talk per semester is organized for the students.

List of Expert Talks

S. No	Event Description	Academic Year	Participants	Contributing Industry
1.	Cloud Driven Devops: Unlocking Agility	2024-25	II Semester	Microsoft
2.	Learning from Failures to Achieve Success		II Semester	Spinteg Technologies Pvt. Ltd.
3.	Robotic Process Automation (RPA)	2023-24	I Semester	Novigo Solutions
4.	GitHub CoPilot		II Semester	Methusiah Technologies and Business Consulting Services Pvt. Ltd
5.	IPR and IP Management for Start Ups	2022-23	II and IV Semester	Intellect Vidhya Solutions
6.	How to use AI Tool – Chat GPT Effectively		II and IV Semester	Methusiah Technologies and Business Consulting Services Pvt. Ltd
7.	Role of IoT and its Applications		III Semester	DLithe
8.	Digital Technologies and Industry Expectations	2021-22	II Semester	Tata Consultancy Services Pvt. Ltd.

Industry Mentoring – The strong Alumni network proves to be a strength for the department with Alumni collaborating in many fruitful events like student mentoring, coding skills in line with industry expectations, pre-placement industry specific training, professional grooming, personal interview training, panel discussions to make students understand the industry trends and expectations etc. They also serve as judges for Hackathons, project presentations etc.

List of Industry Mentoring

S.No	Event Description	Academic Year	Participants	Contributing Industry
1.	Panel Discussion on “Job Opportunities for Freshers”	2024-25	II and IV semester	<ul style="list-style-type: none"> Exceed Decathlon Sports SAP Labs Motive-Lumine Group
2.	Coding Skills Assessment Process	2023-24	III Semester	
3.	Adjudicators for Hackathon: Empowerment Driven by		II Semester	

	Empathy (Mr. Raman P, I-Exceed and Mr. H Kishan, Decathlon Sports India)			<ul style="list-style-type: none"> • LTIMind tree • CloudThat • AWS • Cerner • ANZ • Oracle • Cerner • VMware • Lowes India • Brane Enterprises • Societe Generale • Fidelity Investment • Nokia • Accenture
4.	CV Preparation		I Semester	
5.	Coding Skills – Career Perspective		III Semester	
6.	Coding Skills – Industry Code Standards		III Semester	
7.	Hands-on workshop on basics of Coding Skills	2022-23	III Semester	
8.	Hands-on Workshop on AWS Cloud Services and Platform		III Semester	
9.	Societe Generale campus 23 recruitment		II Semester	
10.	Hadoop Industry Perspective		II Semester	
11.	Fidelity Internship recruitment process		II Semester	
12.	Newfold Digital recruitment process		II Semester	
13.	Coding Skills – Hacker Rank platform		II Semester	
14.	AWS Recruitment Process		II Semester	
15.	Mock Interview Sessions	2021-22	II Semester	
16.	Communication and Time Management Skills		II Semester	
17.	Mock Interview Sessions		II Semester	
18.	Career Guidance and Placement		I Semester	
19.	Panel discussion on “Industry Expectations from GenZ in Digital Era”		II and IV Semester	

Industrial Visits – Industrial visits are organized to expose the students to the industrial environment and make them explore with respect to what business they are into, what projects they are working on under various domains and allied sectors, avenues for joint collaboration with academia, internship opportunities for students to work on live assignments. One industrial visit per semester is organized.

List of Industrial Visits

S.No	Industry/Organization Details	Academic Year	Participants
1.	Cardiac Design Labs	2024-25	II Semester
2.	GE Vernova-LM Wind Power		II Semester
3.	Atal Skill Lab	2023-24	I Semester
4.	Atal Skill Lab		II Semester
5.	M/s Alfahive	2022-23	III Semester
6.	LTIMindtree		III Semester

Industry Internships – Industry internships, offline as well as remote are encouraged to make the students work on real-time problems and live projects that give them practical exposure and make them get equipped with work experience before they take up their regular job. Remote internships help them stay tuned with their academics while they work on their tasks off college hours without disturbing the schedule. Industry internships make them understand the complexities in applying

the concepts they have learnt during their academics. The internship duration for the students is preferably between II and III Semester i.e. between I and II year of the program under 2021 and 2022 schemes while 2024 scheme calls for a 6 months' industry / research internship.

List of Industry Internships

S.No	Batch	No. of Students	List of Companies
1.	2023-24	108	<ul style="list-style-type: none"> • Exposys Data Labs • Oracle Cerner • Protiviti Global • Internshala • Technoncon • Univivion • Black & Red Ants • Healcit • DLithe
2.	2022-24	56	
3.	2021-23	58	
4.	2020-22	57	

Skill Development Programs by Industry Experts – The skill development programs for students are designed specially to instil additional skills into the student other than what they learn as part of their curriculum. The SDPs are conducted at the beginning of every semester and designed in such a way that they find them as an augmentation to their existing knowledge and expertise they obtained in the previous semesters and pursue the same if they are interested further to attain those skills that make them industry ready.

List of Skill Development Programs

S.no	Event Description	Academic Year	Participants	Contributing Industry
1.	Java Full-Stack Development	2024-25	III Semester	<ul style="list-style-type: none">• AWS• Cerner• ANZ• Oracle Cerner• VMware• Lowes India• Brane Enterprises• CloudThat• Societe Generale• Fidelity Investments• Nokia• Accenture• TechWorks• Samsung R&D
2.	Campus to Technical Careers (with TNS Foundation)	2023-24	I Semester	
3.	Powering Data Storytelling with Power BI		III Semester (MCA & MBA)	
4.	Full Stack Java Development	2022-23	III Semester	
5.	Real World Machine Learning Applications: Development & Deployment		II Semester	
6.	Hands-on Workshop on AWS Cloud Services and Platform		III Semester	
7.	Amazon Web Services	2021-22	III and V Semester	
8.	Cyber Security – Hands On			