Change to Industry Initiatives

Initiatives, Implementation and Impact Analysis related to Industry Interaction

S.No	Initiatives	Implementation	Impact Analysis
1	Industry Supported Laboratories / Memorandum of Understanding (MoU)	MoU is signed between the industries with mutual benefits by sharing knowledge, consultancy, students internship, in- plant training, teaching collaboration, Research and Development, publications.	✓ Support in designing the curriculum and syllabus ✓ Supporting in setting of new laboratories ✓ Training for students and faculty ✓ Internship for students ✓ Support in research projects ✓ Consultancy work ✓ Placements ✓ Guest lectures ✓ Industrial Visits
2	Design of Curriculum and Syllabi	Industry Experts Invited for BoS Meeting to involve in the process of design of curriculum and syllabi	Suggestions given by the industry experts are incorporated while finalizing the curriculum and syllabi of B.Tech IT Programme
3	One Credit Course / Value Added Courses	Courses related to the recent trends are identified and offered to the students by the experts from Industry.	Students developed their skills and knowledge in recent trends and practices in industry. Students' gain knowledge on the subject and confidence to face the core placements.
4	Industrial Visits	Faculty and Students visit the industries as a part of teaching and learning process.	Industry visits help the students to relate their knowledge gained in classroom and laboratory.
5	Internships	Students are encouraged to do an internship in industries during vacation period and virtual internship also supported	Students able to learn industrial practices and to enhance the employability.
6	Consultancy	Faculty approaches the industry to collect industry related problems Industry problems are solved collaboratively with the students and staff	✓ Student's will gain experience in solving industry problems. ✓ Interacting with industry officials improves student interpersonal skills

MoU with industries

S.No	Name of the Industry /	Year	Purpose

	Organization Signed MOU		
1.	Infosys, Bangalore	2021	Training & Placement, Guest Lectures
2.	Garuda Aerospace Private Limited	2021	Training & Placement, Guest Lectures
3.	Touchmark Descience Pvt Ltd	2021	Training & Placement, Guest Lectures, Industrial Visits & Internship
4.	Wahmi Software and Solutions Private Limited	2021	Training & Placement, Guest Lectures, Industrial Visits & Internship
5.	Coding Ninjas	2021	Learning Platform & Training Program, Certification Courses
6.	Larsen & Toubro Limited	2021	Learning Platform, Training & Placement and Internships
7.	UiPath Academic Alliance	2020	L:earning Platform
8.	SOLVERMINDS Solutions & Technologies Private Limited	2020	Training & Placement and Internships
9.	Amazon Web Services	2018	Learning Platform
10.	Redhat Academy, Chennai	2018	Learning Platform
11.	Palo Alto Networks	2018	Training & Placement
12.	College of Fisheries Engineering College, Nagapattinam	2017	Industrial Visits
13.	South Eastern University of Srilanka	2017	Research and Development Project, Conference And Workshops, Exchange Of Invitation Of Professors, Researchers, Students For Conferences, Seminars, Workshops, Lab Visits And Short Term Projects, Exchange Of Teaching Material And Scientific Publications
14.	Sales Force, Bangalore	2017	Training & Placement
15.	UTL Technologies Limited, Bangalore	2016	Training & Placement
16.	University Telecom SDN.BHD, Multimedia University, Malaysia	2016	Research and Development Project, Conference And Workshops, Exchange Of Invitation Of Professors, Researchers, Students For Conferences, Seminars, Workshops, Lab Visits And Short Term Projects, Exchange Of Teaching Material And Scientific Publications
17.	VMware IT Academy, Bangalore	2015	Learning Platform
18.	Oracle Academy	2014	Learning Platform
19.	ICTACT, Chennai	2013	Learning Platform
20.	CISCO Academy, Chennai	2013	Learning Platform

Industry Initiatives, Support and Contributions

S.No	Name of the Lab/Activity	Industry Name	Contribution	Courses Name

1	Open Source Lab	Linuxpert Systems	Open Source Platform	Operating Systems, Computer Networks, Gird and Cloud Computing
2	Date Centre Lab	VMWare IT Academy	VMware	Data Centre and Virtualization, Information
3	Cloud Computing Lab	EMC Corporation	Training Programme	Cloud Infrastructure and Services, Knowledge Management
4	Java Programming Lab	Oracle Academy	Programming	Java Programming, Object Oriented Programming,
5	Data Science and Big Data Analytics	Dell EMC	Data Centre – Data	Data Analytics, Big Data, SMAC
6	CISCO Network Academy	CISCO Academy	CCNA Courses	Networking, Distributed Systems, Data
7	PL/SQL	Oracle Academy	PL/SQL	Database Management Systems
8	Cyber Security	Palo Alto	Cyber Security	Cryptography, Network Security, Cyber Forensics
9	Problem Solving and Programming	Skill Rack	Programming	Problem Solving using C, C++, Java, Python
10	Programming	E-Box	Programming	Problem Solving using C, C++, Java, Python
11	Internship and Placement	Solver minds	Internship	Internship and Placement
12	Internship and Placement	Wahmi	Internship	Internship and Placement
13	Coding and Placement	Code Ninja TCS	Internship	Internship and Placement

List of One Credit Courses

S.No	Academic Year	Course Name	Industry	Number of Students	Impact
1	2019-2020	Procedural Language / Structured Query Language	Oracle Academy	60	POs: PO1 to PO5 PSOs: PSO1 to PSO3 Students worked in Oracle iLearning Platform and

					Earned batches and certificate
2		Java Fundamentals and Java Programming	Oracle Academy	60	POs: PO1 to PO5 PSOs: PSO1 to PSO3 Students worked in Oracle iLearning Platform and Earned batches and certificate
3	2020-2021	Procedural Language / Structured Query Language	Oracle Academy	62	POs: PO1 to PO5 PSOs: PSO1 to PSO3 Students worked in Oracle iLearning Platform and Earned batches and certificate
4		Java Fundamentals and Java Programming	Oracle Academy	62	POs: PO1 to PO5 PSOs: PSO1 to PSO3 Students worked in Oracle iLearning Platform and Earned batches and certificate
5	2021-2022	Procedural Language / Structured Query Language	Oracle Academy	63	POs: PO1 to PO5 PSOs: PSO1 to PSO3 Students worked in Oracle iLearning Platform and Earned batches and certificate