



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
 BELAWADI, SRIRANGAPATNA Taluk, MANDYA-571477
 Department of Computer Science and Engineering



(2021-22)

Date: 27/9/2021

Course Outcome

Subject: **Data Structures and Applications**

Course Code: **C232**

Subject Code: **18CS32**

CO's	DESCRIPTION OF THE OUTCOMES
C232.1	Understand various types of data structures and apply the same to perform operations like searching, sorting, deleting, traversing on it.
C232.2	Implement the applications of Data Structures in a high level language
C232.3	Determine the appropriate Data Structure and Design an algorithm to solve the given problem.
C232.4	Analyze the Linear and non linear Data Structure, different traversing methods, searching and sorting techniques and file organizations.
C232.5	Formulate an effective solution for real time problems associated with data structures and document the algorithm.

CO No	PO No												PSO			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2		
C232.1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
C232.2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2	2
C232.3	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	2
C232.4	-	3	-	-	-	-	-	-	-	2	-	-	-	-	2	2
C232.5	-	-	2	-	-	-	-	-	-	2	-	-	-	-	2	2
CO Average	3	3	2.5	2	-	-	-	-	-	2	-	-	-	-	2	2

		DR. WAHIDA BANU
DEEPTHI.N	DR. WAHIDA BANU	Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on 29/09/2021.

Criterion-3 Coordinator	NBA Coordinator	HOD
Convener	Principal	



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
BELAWADI, SRIRANGAPATNA Taluk, MANDYA-571477
Department of Computer Science and Engineering



(2021-22)
Course Outcome

Date: 27/09/2021

Subject: Analog and Digital Electronics
Subject Code : 18CS33

Course Code: C233

CO's	DESCRIPTION OF THE OUTCOMES
C233.1	Understand and apply the Fundamental concepts of Optoelectronic devices, BJT biasing, OPAMP applications and HDL.
C233.2	Apply simplifying techniques in the design of combinational circuits.
C233.3	Demonstrate the working of flip flops and apply the same for design of registers.
C233.4	Analyze the design and testing of counters.

CO No	PO No												PSO		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
C233.1	2	-	-	-	-	-	-	-	-	-	-	-	2	2	1
C233.2	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
C233.3	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
C233.4	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
CO Average	2	-	2	-	-	-	-	-	-	-	-	-	2	2	1

Bhavya M R	Priyanka N	Bhavya M R
Faculty		Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on 29/09/2021.

Criterion-3 Coordinator	NBA Coordinator	HOD
Convener		Principal



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
 BELAWADI, SRIRANGAPATNA Taluk, MANDYA-571477
 Department of Computer Science and Engineering



2021-22
 Course Outcomes

Date:16/05/2022

Subject: Design and Analysis of Algorithms
 Subject Code: 18CS42

Course Code: C242

DESCRIPTION OF THE OUTCOMES	
C242.1	Interpret the fundamental concepts of algorithms, different types and their usage as applicable for various scenarios
C242.2	Apply the recursive and non-recursive algorithms to solve a given problem.
C242.3	Analyze the performance of learned algorithms and data structures.
C242.4	Design algorithms using appropriate design techniques.
C242.5	Design an effective solution by choosing an appropriate algorithm to solve a real-world problem.

CO No	PO No												PSO	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2
C242.1	2	-	-	-	-	-	-	-	-	-	-	-	2	-
C242.2	3	-	-	-	-	-	-	-	-	-	-	-	2	-
C242.3	-	2	-	-	-	-	-	-	-	-	-	-	2	-
C242.4	-	-	2	-	-	-	-	-	-	-	-	-	2	2
C242.5	-	-	-	3	-	-	-	-	-	-	-	3	2	2
CO Average	2.5	2	2	3	-	-	-	-	-	-	-	3	2	2

Prof. Shashidhar S	Prof. Ambika K B	Prof. Deepthi N	Prof. Shashidhar S
Faculty			Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on 18/05/2022

Criterion-3 Coordinator	NBA Coordinator	HOD
Convener	Principal	



Date: 16/05/2022

Course Outcome

Subject: Operating Systems
 Subject Code: 18CS43

Course Code: C243

CO's	DESCRIPTION OF THE OUTCOMES
C243.1	Demonstrate need for OS and different types of services and structure.
C243.2	Apply suitable techniques for management of different resources.
C243.3	Analyze and demonstrate different process, memory, storage management algorithms and file system commands.
C243.4	Realize the different concepts of OS in platform of usage through case studies

CO No	PO No												PSO		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
C243.1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
C243.2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C243.3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
C243.4	-	-	-	3	-	-	-	-	-	-	-	-	-	2	-
CO Average	3	3	-	3	-	-	-	-	-	-	-	-	3	2	-

Dr. Honnaraju B <i>Honnaraju</i>	Priyanka N <i>Priyanka</i>	Akshatha M <i>Akshatha</i>
Faculty		Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on 18.05/2022

<i>Prajith</i>	<i>NP</i>	<i>R. Senthil</i>
Criterion-3 Coordinator	NBA Coordinator	HOD
<i>Govind</i>		<i>Govind</i>
Convener		



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
 Belawadi, Srirangapatna Taluk, Mandya-571477
Department of Computer Science and Engineering



Academic Year: 2021-22

Date: 27/09/2021

Course Outcome

Subject: Application Development Using Python
 Subject Code: 18CS55

Course Code: C355

CO's	DESCRIPTION OF THE OUTCOMES
C355.1	Demonstrate proficiency in handling of loops and creation of functions.
C355.2	Discover the commonly used operations involving regular expressions and file system.
C355.3	Identify the methods to create and manipulate lists, tuples and dictionaries.
C355.4	Interpret the concepts of Object-Oriented Programming as used in Python.
C355.5	Determine the need for scraping websites and working with CSV, JSON and other file formats.

CO No	PO No												PSO	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2
C355.1	3	-	-	-	-	-	-	-	-	-	-	-	2	-
C355.2	-	3	-	-	-	-	-	-	-	-	-	-	2	-
C355.3	-	-	2	-	-	-	-	-	-	-	-	-	2	2
C355.4	-	-	-	2	2	-	-	-	-	-	-	-	3	3
C355.5	-	-	-	3	3	-	-	-	2	2	-	2	3	3
CO Average	3	3	2	2.5	2.5	-	-	-	2	2	-	2	2.4	2.67

Prof. Kanjith K C	Prof. Kruthika S M	Prof. Kavya Priya M L	Prof. Kavya Priya M L
Faculty			Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on 27/09/2021.

Convener	NBA Coordinator	HOD
Principal	Principal	



MAHARAJA INSTITUTE OF TECHNOLOGY

BELAWADI, SRIRANGAPATNA Tq, MANDYA

Department of Computer Science and Engineering



Date:04/04/2022

2021-22

Course Outcome

Subject: System Software Laboratory

Course Code: C366

Subject Code: 18CSL66

CO's	DESCRIPTION OF THE OUTCOMES
C366.1	Understand the fundamental concept of lexical analysis syntax analysis CPU scheduling and memory management strategies and apply them to compilers and operating systems to present the same appropriately.
C366.2	Apply the principal concepts to write Lexers, Parsers and algorithms for given problem under study.
C366.3	Implement the Lexus passes CPU scheduling memory management, resource allocation and deadlock avoidance using appropriate tools.
C366.4	Analyse the key inputs and outcomes of system software and operating system functions, infer the efficacy of the solution.

CO's	PO No												PSO	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2
C366.1	3	-	-	-	-	-	-	-	-	-	-	-	3	3
C366.2	3	-	-	-	-	-	-	-	-	-	-	-	3	3
C366.3	-	-	3	-	2	-	-	-	-	-	-	-	3	3
C366.4	-	-	-	3	-	-	-	-	-	-	-	-	2	2
CO	3	-	3	3	2	-	-	-	-	-	-	-	2.75	2.75
Average														

Prof. Mahesha K	Prof. Priyanka N	Prof. Seema C K	Prof. Priyanka N
Faculties			Course Co-ordinator

Approval of the CO's and their mapping with POs and PSOs was given on 06/04/2022

Criterion-3 Coordinator	NBA Coordinator	HOD
Convener	Principal	



Subject: **Digital Image Processing**

CourseCode:C474

Subject Code: **18CS741**

CO's	DESCRIPTION OF THE OUTCOMES
C474.1	Understand & apply basic concepts of digital image processing & its applications.
C474.2	Analyze image enhancement using various transformations.
C474.3	Design basic image processing algorithms for specific applications.
C474.4	Comprehend the domains of applications of Image Compression standards and techniques.

CO No	PO No												PSO		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
C474.1	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-
C474.2	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
C474.3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C474.4	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-
CO Average	2.5	2	2	2	-	-	-	-	-	-	-	-	2	2	-

Prof. Shobha B.S	Prof. Akshatha.M	Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on 29/09/2021.

Criterion-3 Coordinator	NBA Coordinator	HOD
Convener		Principal



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
 BELAWADI, SRIRANGAPATNA Taluk, MANDYA-571477
 Department of Computer Science and Engineering



(2021-22)

Date: 04/04/2022

Course Outcome

Subject: **Technical Seminar**

Course Code: **C484**

Subject Code: **18CSS84**

CO's	DESCRIPTION OF THE OUTCOMES
C484.1	Assimilate the topic of their interest within ethical, environmental and social context.
C484.2	Apply critical thinking to address the queries through professional, inclusive and respectful discussion.
C484.3	Analyse appropriate mode of presentation, employ elements of technical writing and present using suitable tools.

CO No	PO No												PSO	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2
C484.1	-	-	-	2	-	2	2	3	3	3	-	3	2	2
C484.2	3	-	-	-	-	-	-	-	3	3	-	2	2	2
C484.3	2	2	-	-	-	-	-	-	3	3	-	2	2	2
CO Average	2.50	2.00	-	2.00	-	2.00	2.00	3.00	3.00	3.00	-	2.33	2.00	2.00

Deepthi N	Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on 06/04/2022

Criterion-3 Coordinator	NBA Coordinator	HOD
Convener	Principal	



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
BELAWADI, SRIRANGAPATNA TALUK, MANDYA-571477



Department of Electronics and Communication Engineering

Course Outcome

Date: 04/04/2022

Subject: Basic Electrical Engineering Laboratory Subject Code: 21ELEL27

CO's	DESCRIPTION OF THE OUTCOMES
21ELEL27.1	Use basic measuring instruments and tools to measure electrical parameters.
21ELEL27.2	Apply electrical laws to examine electrical circuits and determine electrical parameters.
21ELEL27.3	Verify electrical laws / circuit concepts.
21ELEL27.4	Conduct an experiment individually or in a team and communicate the process and corresponding outcomes of the same orally and in the written form.

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
21ELEL27.1	3	-	-	-	-	-	-	-	-	-	-	2
21ELEL27.2	3	-	-	-	-	-	-	-	-	-	-	-
21ELEL27.3	3	-	-	-	-	-	-	-	-	-	-	-
21ELEL27.4	-	-	-	-	-	-	-	-	3	3	-	-
CO Average	3	-	-	-	-	-	-	-	3	3	-	2

Dr.SantyAjish Prof.Veena S K	Prof. Maria Pavithra (2-SEC) Prof. Sandesh. N. G	Prof. Maria Pavithra
Faculty		Course Coordinator

Approval of the COs and their mapping with POs and PSOs was given on / /

 Criterion 3 Coordinator	 NBA coordinator	 HOD
 Convener		 Principal



Course Outcome

Date: 04/04/2022

Subject: Analog circuits

Subject Code: 18EC42

CO's	DESCRIPTION OF THE OUTCOMES
18EC42.1	Analyze the MOSFET and BJT circuits using the concepts like Biasing and small signal operation.
18EC42.2	Analyze the MOSFET and BJT amplifier circuits and its frequency response using equivalent models.
18EC42.3	Analyze various feedback amplifier topologies, Power amplifiers and associated parameters.
18EC42.4	Design sinusoidal, non-sinusoidal oscillators and various OpAmp circuits.

CO No	PO No												PSO		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
18EC42.1	3	3	-	-	-	-	-	-	-	-	-	-	2	3	-
18EC42.2	3	3	-	-	2	-	-	-	-	-	-	-	2	3	2
18EC42.3	3	3	-	-	-	-	-	-	-	-	-	-	2	3	-
18EC42.4	2	2	2	-	2	-	-	-	-	-	-	-	2	2	2
CO Average	2.75	2.75	2	-	2	-	-	-	-	-	-	-	2	2.75	2

Note: 3=Strong Correlation, 2 =Average Correlation, 1= Weak Correlation, - =No Correlation

Faculty Handling and Course Coordinator:

 Dr. Smritha J.P.	 Dr. Sreejith Aijish Faculty	 Renuka C	 Renuka C Course Coordinator
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Approval of the COs and their mapping with POs and PSOs was given on / /

 Manasa D.C. Criterion 3 Coordinator	 NBA coordinator	 HOD
 Convener		 Principal



Course Outcome

SUBJECT		SOFTWARE TESTING LABORATORY			
SUBJECT CODE	18ISL66	COURSE CODE	C366	ACADEMIC YEAR	2020-2021(EVEN)

CO's	DESCRIPTION OF THE OUTCOMES
C366.1	Apply the suitable testing techniques for a given problem.
C366.2	Analyze the prerequisites for a given problem by writing appropriate test cases.
C366.3	Execute the test cases to solve a given problem.
C366.4	Create appropriate document for the software artifact.

CO No	PONo												PSO	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2
C366.1	2	-	-	-	-	-	-	-	-	-	-	-	2	-
C366.2	-	3	-	-	-	-	-	-	-	-	-	-	-	2
C366.3	-	-	3	-	-	-	-	-	-	-	-	-	-	3
C366.4	-	-	-	-	-	-	-	-	-	2	-	-	-	-
CO Average	2	3	3	-	-	-	-	-	-	2	-	-	2	2.5

Note: 3 = Strong Contribution 2 = Average Contribution 1 = Weak Contribution

Prof. SOMASHEKAR B M	Prof. CHAITRASHREE R	Prof. SOMASHEKAR B M
Faculty		Course Coordinator

Approval of the COs and their mapping with POs and PSOs on 16/03/2021

CRITERION 3 COORDINATOR	NBA COORDINATOR	HOD
CONVENER		PRINCIPAL



Date: 13/06/2022

Course Outcome

Subject: Financial Management

Course Code: 20MBA22

CO's	Description of Outcomes
20MBA22.1	Understand basic knowledge of financial management to cope up with the concepts of finance in current business organization.
20MBA22.2	Apply time value of money and feasibility of investment proposal for investment decision.
20MBA22.3	Analyze capital structure, cost of capital and dividend decision in present business activities for cost efficiency and profit management.
20MBA22.4	Examine the working capital management for optimum liquidity decision.

Mapping of COs with POs

CO No.	PO No.				
	1	2	3	4	5
20MBA22.1	2				
20MBA22.2	2	3	3		2
20MBA22.3	3		2		
20MBA22.4			3	3	
CO Average	2.33	3	2.67	3	2

 Dr. Nagesha H G & Dr. Manoj Kumara N V Faculty/s	 Dr. Manoj Kumara N V Course Coordinator
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Approval of the COs and their Mapping with POs was given on 16/06/2022

 Criteria 3 Coordinator	 NBA Coordinator	 HOD
 Convener		 Principal Maharaja Institute of Technology Mysore Belawadi, Naguvanahalli Post S R Patna Taluk Mandya - 571477



Date: 28/10/2021

Course Outcome


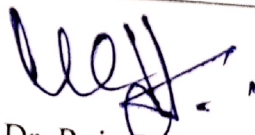
Subject: Emerging Exponential Technologies

Course Code: 20MBA301




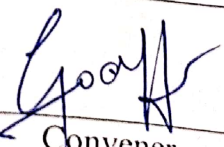
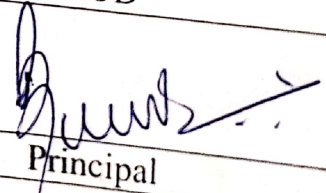
CO's	Description of Outcomes
20MBA301.1	Understand emerging technologies applicable in the field of Management for decision making.
20MBA301.2	Identify appropriate technology and tools to achieve optimality.
20MBA301.3	Analyze the necessary inputs for application of emerging technologies.
20MBA301.4	Evaluate emerging technologies for achieving competitive advantage in disruptive environment.

Mapping of COs with POs

CO No.	PO No.				
	1	2	3	4	5
20MBA301.1					
20MBA301.2	3		2		2
20MBA301.3		3	2	2	2
20MBA301.4		3	2		
CO Average	3	3	2	2	2

 Dr. Raju H K Faculty/s	 Dr. Raju H K Course Coordinator
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Approval of the COs and their Mapping with POs was given on 03/11/2021

 Criteria 3 Coordinator	 NBA Coordinator	 HOD
 Convener		 Principal



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
 BELAWADI, NAGUVANAHALLI POST, SRIRANGAPATNA TALUK, MANDYA-571438
 DEPARTMENT OF MANAGEMENT SCIENCES



Date: 08/02/2022

Course Outcome

Subject: Accounting For Managers

Course Code: 20MBA13

CO's	Description of Outcomes
20MBA13.1	Understand the theoretical knowledge of accounting concepts, conventions, emerging trends and computerized accounting.
20MBA13.2	Apply the knowledge of accounting for preparation of company financial statements.
20MBA13.3	Analyze the financial statement of companies by using various techniques.
20MBA13.4	Evaluate the different types of costs & budget for managerial decision making process.

Mapping of COs with POs

CO No.	PO No.				
	1	2	3	4	5
20MBA13.1	3		3	4	5
20MBA13.2		3	2	2	
20MBA13.3	2	3	3	2	2
20MBA13.4	2	2	3		
CO Average	2.3	2.67	2.6	2	2

 Dr. Nagesha H G & Dr. Manoj Kumara N V Faculty	 Dr. Nagesha H G Course Coordinator
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Approval of the COs and their Mapping with POs was given on 11/02/2022

 Criteria 3 Coordinator	 NBA Coordinator	 HOD
 Convener		 Principal

Maharaja Institute of Technology Mysore
 Belawadi, Nagvuanahalli Post
 Srirangapatna Taluk
 Mandya District - 571477





Date: 02/05/2022

Course Outcome

Subject: B2B Marketing Management

Course Code: 20MBAMM401

CO's	Description of Outcomes
20MBAMM401.1	Understand B2B marketing theories and concepts to know the nature of customer needs.
20MBAMM401.2	Examine the methods of B2B marketing for framing innovative strategies.
20MBAMM401.3	Assess B2B marketing to build effective communication for stakeholders.
20MBAMM401.4	Construct creative strategies in B2B marketing for valuable market segmentation.

Mapping of COs with POs

CO No.	PO No.				
	1	2	3	4	5
20MBAMM401.1	2				
20MBAMM401.2		3	2	3	
20MBAMM401.3	2	2	2		2
20MBAMM401.4				2	2
CO Average	2	2.5	2	2.5	2

 Dr. Bharath Kumar K K Faculty	 Dr. Bharath Kumar K K Course Coordinator
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Approval of the COs and their Mapping with POs was given on 06/05/2022

Criteria 3 Coordinator	NBA Coordinator	HOD
		 Principal Maharaja Institute of Technology Mysore Belawadi, Naguvanahalli, Post Srirangapatna Taluk Mandya - 571477
Convener		



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
BELAWADI, SRIRANGAPATNA TQ, MANDYA-571477
Department of Master of Computer Applications



Date: 29/9/2021

Course Outcome

Subject: PROGRAMMING USING C#&.NET

Subject Code: 18MCA51

CO's	DESCRIPTION OF THE OUTCOMES
18MCA51.1	Present the comprehension of the .Net Framework architecture and its components.
18MCA51.2	Apply OOPs concepts to develop console applications, using C# programming language.
18MCA51.3	Apply the knowledge of ADO.net, MySQL, ASP.NET for creating different applications.
18MCA51.4	Analyze the use of .Net Components depending on the problem statement.
18MCA51.5	Create web based and Windows based application with Database connectivity using ASP.NET, ADO.NET

CO No	PO No									
	1	2	3	4	5	6	7	8	9	10
18MCA51.1							3	3		
18MCA51.2	3									
18MCA51.3	3									
18MCA51.4		3								
18MCA51.5			3							
CO Average	3	3	3				3	3		

Faculty		Course Coordinator

Approval of the COs and their mapping with POs was given.

Criterion 2 Coordinator	NBA coordinator	HOD
Convener		Principal



DEPARTMENT OF PHYSICS
MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
 BELAWADI, NAGUVANAHALLI POST, SRIRANGAPATNA TALUK
 MANDYA-571438, KARNATAKA



SUBJECT: ENGINEERING PHYSICS

SUBJECT CODE: 21PHY22

CO's	DESCRIPTION OF THE OUTCOMES
CO1	Understand the fundamental concepts of modern Physics, wave theory, optical phenomenon, Quantum mechanics, conduction of materials and Nano Physics.
CO2	Apply the concepts of Modern Physics, wave theory, optical phenomenon, Quantum mechanics, conduction of materials and Nano Physics in Engineering purview.
CO3	Analyze the characteristics of wave theory, optical phenomenon, Quantum mechanics , conduction of materials and Nano Physics for device applications

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO1												
CO2	3											
CO3		2										
Average of CO'S	3	2										

Faculty Signature		
Mr. Chandan K	Ms. Shamantha M S	Mr. Lokesh N
Assistant Professor	Assistant Professor	Assistant Professor

Approval of the COs and their mapping with POs on 13/12/2021

Department Level
Dr. Vijaylakshmi Dayal
Professor and Head

Institute Level		
Criteria 8 Main Coordinator	NBA Convener	Principal