



**Maharaja Education Trust (R), Mysuru**  
**MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE**  
 An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi  
 Belawadi, Srirangapatna Taluk, Mandya – 571 477



Approved by AICTE, New Delhi [Recognized by Govt. of Karnataka]

Ref: MITM\EC\Scheme\2023-24\001

**Scheme of Teaching and Examination for BE (Autonomous Scheme-2023)**  
**(Effective from the Academic Year 2023-24)**

**III-Semester-Branch**

Sl. No.	Course Area	Course Code	Course Title	TD/PSB	Teaching Hours/Week				Examination				Credits
					Theory/Lecture	Tutorial	Practical/Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	BS	M23BMATE301	Mathematics – III for ECE stream	Basic Science	2	2	0	0	03	50	50	100	3
2	PC	M23BEC302	Network Analysis	ECE	2	2	0	0	03	50	50	100	3
3	PC	M23BEC303	Analog Electronic Circuit Design	ECE	3	0	0	0	03	50	50	100	3
4	IPC	M23BEC304	Digital System Design using Verilog	ECE	3	0	2	0	03	50	50	100	4
5	PC	M23BEC305	C++ and Data Structure	ECE	2	2	0	0	03	50	50	100	3
6	ES	M23BEC306X	Engineering Science Course	ECE	3	0	0	0	03	50	50	100	3
7	PCL	M23BECL307	Analog & Digital System Design Laboratory	ECE	0	0	2	0	03	50	50	100	1
8	AE	M23BSCK308	Social Connect and Responsibility	Any Department	0	0	2	0	01	100	-	100	1
9	AE-III	M23BEC309X	Ability Enhancement Course-III	Respective Department	If the course is Theory				01	50	50	100	1
					1	0	0	0					
					If the course is Laboratory				02				
0	0	2	0										
10	NCMC	M23BNSK310	National Service Scheme (NSS)	NSS coordinator	0	0	2	0	-	100	-	100	0
		M23BPEK310	Physical Education (PE) (Sports and Athletics)	PE Director									
		M23BYOK310	Yoga	Yoga Teacher									
11	BS	M23BDIPM311	Diploma Mathematics-I	Basic Science	2	0	0	0	00	50	00	50	0
									<b>Total</b>	<b>600</b>	<b>400</b>	<b>1000</b>	<b>22</b>

Notes:

1. The total number of Credits for **CSE, CV, ECE, and ME** is **22** since they will be studying Mathematics III with 3 credits.



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2. The total number of Credits for ISE, DS, BS, AI, AI&ML, IC, and CE is 20 since they will be studying Biology for Engineers with 1 credit.

**PC:** Professional Core Course, **PCL:** Professional Core Course laboratory, **NCMC:** Non-Credit Mandatory Course, **AE:** Ability Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **ES:** Engineering Science Course, **ETC:** Emerging Technology Courses, **PLC-**Programming Language Course, **K :**This letter in the course code indicates common to all the stream of engineering

Engineering Science Course (ESC/ETC/PLC)[L-T-P::3-0-0]		Ability Enhancement Course – III	
Code	Title	Code	Title
M23BEC306A	<b>Sensors and Instrumentation</b>	M23BEC309A	<b>Technical writing using Latex</b>
M23BEC306B	<b>Operating Systems</b>	M23BEC309B	<b>Labview</b>
M23BEC306C	<b>8051 Microcontroller</b>	M23BEC309C	<b>Microcontroller Laboratory</b>
M23BEC306D	<b>MEMS</b>	M23BEC309D	<b>Spread Sheet for Engineers</b>

**Professional Core Course (IPC):** Refers to Professional Core Course Theory Integrated with practicals of the same course. Credit for IPC can be 04 and its Teaching– Learning hours (L: T: P) can be considered as (3: 0: 2) or (2: 2: 2). The theory part of the IPC shall be evaluated both by CIE and SEE. The practical part shall be evaluated by only CIE (no SEE). However, questions from the practical part of IPC shall be included in the SEE question paper.

**National Service Scheme /Physical Education/ Yoga:** All students have to register for any one of the courses namely National Service Scheme (NSS), Physical Education (PE) (Sports and Athletics), and Yoga (YOGA) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of degree.



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**Scheme of Teaching and Examination for BE (Autonomous Scheme-2023)**  
**(Effective from the Academic Year 2023-24)**

**IV-Semester-Branch**

Sl. No.	Course Area	Course Code	Course Title	TD/ PSB	Teaching Hours/Week				Examination				Credits
					Theory/ Lecture	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	BS	M23BBIOK401	Biology for Engineers	Basic Science	1	0	0	0	03	50	50	100	1
2	PC	M23BEC402	Electromagnetic Waves	ECE	2	2	0	0	03	50	50	100	3
3	PC	M23BEC403	Analog Communication System	ECE	2	2	0	0	03	50	50	100	3
4	IPC	M23BEC404	Control Systems	ECE	3	0	2	0	03	50	50	100	4
5	PC	M23BEC405	Signals and Systems	ECE	2	2	0	0	03	50	50	100	3
6	PCL	M23BECL406	Analog Communication System Laboratory	ECE	0	0	2	0	03	50	50	100	1
7	ES	M23BEC407x	Engineering Science Course	ECE	3	0	0	0	03	50	50	100	3
8	AE-IV	M23BEC408x	Ability Enhancement Course-IV	Respective Department	If the course is Theory				01	50	50	100	1
					1	0	0	0					
					If the course is Laboratory				02				
					0	0	2	0					
9	AE	M23BUHK409	Universal Human Values course	Any Department	0	0	2	0	01	50	50	100	1
10	NCMC	M23BNSK410	National Service Scheme (NSS)	NSS coordinator	0	0	2	0	-	100	-	100	0
		M23BPEK410	Physical Education (PE) (Sports and Athletics)	PE Director									
		M23BYOK410	Yoga	Yoga Teacher									
11	BS	M23BDIPM411	Diploma Mathematics-2	Basic Science	2	0	0	0	00	50	00	50	0
<b>Total</b>									<b>550</b>	<b>450</b>	<b>1000</b>	<b>20</b>	

Notes:

- The total number of Credits for **ISE, DS, BS, AI, AI&ML, IC, and CE** is **22** since they will be studying Mathematics III with 3 credits.
- The total number of Credits for **CSE, CV, ECE, and ME** is **20** since they will be studying Biology for Engineers with 1 credit.



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**PC:** Professional Core Course, **PCL: Professional** Core Course laboratory, **NCMC:** Non-Credit Mandatory Course, **AE:** Ability Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical, **S=SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **ES:** Engineering Science Course, **ETC:** Emerging Technology Courses, **PLC-**Programming Language Course, **K** :This letter in the course code indicates common to all the stream of engineering

Engineering Science Course (ESC/ETC/PLC)[L-T-P::3-0-0]		Ability Enhancement Course – IV	
Code	Title	Code	Title
M23BEC407A	<b>Embedded Systems</b>	M23BEC408A	<b>Simulink</b>
M23BEC407B	<b>Power Electronics</b>	M23BEC408B	<b>Power Electronics Lab</b>
M23BEC407C	<b>Computer Organisation &amp; Architecture</b>	M23BEC408C	<b>Signals &amp; System Lab</b>
M23BEC407D	<b>Application of Numerical Methods</b>	M23BEC408D	<b>Raspberry Pi with Python</b>

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**National Service Scheme /Physical Education/Yoga:** All students have to register for any one of the courses namely National Service Scheme(NSS), Physical Education (PE) (Sports and Athletics), and Yoga (YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III and VI semesters (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The colleges shall appropriately schedule the events, which shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of a degree.



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**Scheme of Teaching and Examination for BE (Autonomous Scheme-2023)**

(Effective from the Academic Year 2023-24)

**V-Semester-Branch**

Sl. No.	Course Area	Course Code	Course Title	TD/PSB	Teaching Hours/Week				Examination			Credits	
					Theory/Lecture	Tutorial	Practical/Drawing	SDA	Duration in hours	CIE Marks	SEE Marks		Total Marks
1	PC	M23BEC501	Computer Communication Networks	ECE	3	0	0	0	03	50	50	100	3
2	IPC	M23BEC502	ARM Controller	ECE	3	0	2	0	03	50	50	100	4
3	PC	M23BEC503	Digital Communication	ECE	4	0	0	0	03	50	50	100	4
4	PCL	M23BECL504	Digital Communication Laboratory	ECE	0	0	2	0	03	50	50	100	1
5	PE	M23BEC505x	Professional Elective -I	ECE	3	0	0	0	03	50	50	100	3
6	PW	M23BEC506	Mini Project Work	ECE	0	0	4	0	03	100	-	100	2
7	AE	M23BRMK507	Research Methodology and IPR	Respective Department	2	2	0	0	02	50	50	100	3
8	BS	M23BESK508	Environmental Studies	CV/ENV/CHE	2	0	0	0	02	50	50	100	2
9	NCMC	M23BNSK509	National Service Scheme (NSS)	NSS coordinator	0	0	2	0	-	100	-	100	0
		M23BPEK509	Physical Education (PE) (Sports and Athletics)	PE Director									
		M23BYOK509	Yoga	Yoga Teacher									
<b>Total</b>									<b>500</b>	<b>300</b>	<b>800</b>	<b>22</b>	

**Professional Elective-I**

Code	Title	Code	Title
M23BEC505A	Information Theory & Coding	M23BEC505C	Artificial Neural Network
M23BEC505B	Nano Technology	M23BEC505D	Fibre Optic Network

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Tutorial, **P**: Practical **S**= **SDA**: Skill Development Activity, **CIE**: Continuous Internal Evaluation, **SEE**: Semester End Evaluation. **ES**: Engineering Science Course, **ETC**: Emerging Technology Courses, **PLC**-Programming Language Course, **K**: This letter in the course code indicates common to all the stream of engineering

**Professional Core Course (IPC)**: Refers to Professional Core Course Theory Integrated with practical's of the same course. Credit for IPC can be 04 and its Teaching– Learning hours (L: T : P) can be considered as (3 : 0 : 2) or (2 : 2 : 2). The theory part of the IPC shall be evaluated both by CIE and SEE. The practical part shall be evaluated by only CIE (no SEE). However, questions from the practical part of IPC shall be included in the SEE question paper.

**National Service Scheme /Physical Education/Yoga**: All students have to opt one of the courses namely National Service Scheme (NSS), Physical Education (PE) (Sports and Athletics), and Yoga (YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of degree.

**Mini-project work**: Mini Project is a laboratory-oriented/hands on course that will provide a platform to students to enhance their practical knowledge and skills by the development of small systems/applications etc. Based on the ability/abilities of the student/s and recommendations of the mentor, a single discipline or a multidisciplinary Mini-project can be assigned to an individual student or to a group having not more than 4 students.

**CIE procedure for Mini-project: (i) Single discipline**: The CIE marks shall be awarded by a committee consisting of the Head of the concerned Department and two faculty members of the Department, one of them being the Guide. The CIE marks awarded for the Mini-project work shall be based on the evaluation of the project report, project presentation skill, and question and answer session in the ratio of 50:25:25. The marks awarded for the project report shall be the same for all the batches mates.

**(ii) Interdisciplinary**: Continuous Internal Evaluation shall be group-wise at the college level with the participation of all the guides of the project.

The CIE marks awarded for the Mini-project, shall be based on the evaluation of the project report, project presentation skill, and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates. **No SEE component for Mini-Project.**

**Professional Elective Courses (PEC)**: A professional elective (PEC) course is intended to enhance the depth and breadth of educational experience in the Engineering and Technology curriculum. Multidisciplinary courses that are added supplement the latest trend and advanced technology in the selected stream of engineering. Each group will provide an option to select one course. The minimum number of students' strengths for offering a professional elective is 10. However, this conditional shall not be applicable to cases where the admission to the program is less than 10.



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(Effective from the Academic Year 2023-24)

**VI-Semester-Branch**

Sl. No.	Course Area	Course Code	Course Title	TD/PSB	Teaching Hours/Week				Examination				Credits
					Theory/Lecture	Tutorial	Practical/Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	IPC	M23BEC601	Digital Signal Processing	ECE	3	0	2	0	03	50	50	100	4
2	PC	M23BEC602	CMOS VLSI Design	ECE	4	0	0	0	03	50	50	100	4
3	PE	M23BEC603x	Professional Elective - II	ECE	3	0	0	0	03	50	50	100	3
4	OE	M23BEC604x	Open Elective -I	ECE	3	0	0	0	03	50	50	100	3
5	PW	M23BEC605	Major Project Phase - I	ECE	0	0	4	0	03	100	-	100	2
6	PCL	M23BECL606	VLSI Laboratory	ECE	0	0	2	0	03	50	50	100	1
7	AE-V	M23BEC607x	Ability Enhancement - V	Respective Department	If the course is Theory				01	50	50	100	1
					1	0	0	0					
					If the course is Laboratory								
					0	0	2	0					
9	NCMC	M23BNSK608	National Service Scheme (NSS)	NSS coordinator	0	0	2	0	-	100	-	100	0
		M23BPEK608	Physical Education (PE) (Sports and Athletics)	PE Director									
		M23BYOK608	Yoga	Yoga Teacher									
<b>Total</b>									<b>500</b>	<b>300</b>	<b>800</b>	<b>18</b>	

**PC:** Professional Core Course, **PCL:** Professional Core Course laboratory, **NCMC:** Non-Credit Mandatory Course, **AE:** Ability Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S=SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **ES:** Engineering Science Course, **ETC:** Emerging Technology Courses, **PLC-**Programming Language Course, **K :** This letter in the course code indicates common to all the stream of engineering

Professional Elective –II		Open Elective – I		Ability Enhancement -V	
Code	Title	Code	Title	Code	Title
M23BEC603A	Machine Learning	M23BEC604A	Fundamentals of Sensors & Actuators	M23BEC607A	Python Programming for Electronics and Communication



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M23BEC603B	Cyber Security	M23BEC604B	Fundamentals of Mobile Communication	M23BEC607B	Basics of FPGA
M23BEC603C	Artificial Intelligence	M23BEC604C	Fundamental of EV's	M23BEC607C	Experiential Learning Lab
M23BEC603D	Network Security	M23BEC604D	Automotive Electronics	M23BEC607D	Sensors and Actuators

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**National Service Scheme /Physical Education/Yoga:** All students have to register for any one of the courses namely National Service Scheme (NSS), Physical Education (PE) (Sports and Athletics), and Yoga (YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of degree.

**Professional Elective Courses (PEC):** A professional elective (PEC) course is intended to enhance the depth and breadth of educational experience in the Engineering and Technology curriculum. Multidisciplinary courses that are added supplement the latest trend and advanced technology in the selected stream of engineering. Each group will provide an option to select one course. The minimum number of students' strengths for offering a professional elective is 10. However, this conditional shall not be applicable to cases where the admission to the program is less than 10.

**Open Elective Courses:** Students belonging to a particular stream of Engineering and Technology are not entitled to the open electives offered by their parent Department. However, they can opt for an elective offered by other Departments, provided they satisfy the prerequisite condition if any. Registration to open electives shall be documented under the guidance of the Program Coordinator/ Advisor/Mentor. The minimum numbers of students' strength for offering Open Elective Course is 10. However, this condition shall not be applicable to class where the admission to the program is less than 10.

**Project Phase-I:** Students have to discuss with the mentor/guide and with their help he/she has to complete the literature survey and prepare the report and finally define the problem statement for the project work.





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**Scheme of Teaching and Examination for BE (Autonomous Scheme-2023)**

(Effective from the Academic Year 2023-24)

**VII-Semester-Branch**

Sl. No.	Course Area	Course Code	Course Title	TD/PSB	Teaching Hours/Week				Examination				Credits
					Theory/Lecture	Tutorial	Practical/Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	MS	M23BEC701	TIME - Technical Innovation and Management Entrepreneurship	ECE	3	0	0	0	03	50	50	100	3
2	IPC	M23BEC702	Microwave and Antenna	ECE	3	0	2	0	03	50	50	100	4
3	PC	M23BEC703	Wireless Communication	ECE	4	0	0	0	03	50	50	100	4
4	PE	M23BEC704x	Professional Elective -III	ECE	3	0	0	0	03	50	50	100	3
5	PE	M23BEC705x	Professional Elective -IV	ECE	3	0	0	0	03	50	50	100	3
6	PCL	M23BECL706	Advanced IoT Lab	ECE	0	0	2	0	03	50	50	100	1
7	PW	M23BEC707	Major Project Phase - II	ECE	0	0	10	0	03	100	100	200	5
<b>Total</b>										<b>400</b>	<b>400</b>	<b>800</b>	<b>23</b>

**PC:** Professional Core Course, **PCL:** Professional Core Course laboratory, **NCMC:** Non-Credit Mandatory Course, **AE:** Ability Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **ES:** Engineering Science Course, **ETC:** Emerging Technology Courses, **PLC-**Programming Language Course

**Professional Elective - III**

**Professional Elective – IV**

Code	Title	Code	Title
M23BEC704A	<b>Digital Image Processing</b>	M23BEC705A	<b>Bio-Medical Signal Processing</b>
M23BEC704B	<b>Deep Learning</b>	M23BEC705B	<b>Big Data Analytics</b>
M23BEC704C	<b>Satellite Communication</b>	M23BEC705C	<b>Data Science</b>
M23BEC704D	<b>Analog and Mixed Mode VLSI</b>	M23BEC705D	<b>Low Power VLSI</b>

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**Professional Elective Courses (PEC):** A professional elective (PEC) course is intended to enhance the depth and breadth of educational experience in the Engineering and



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Technology curriculum. Multidisciplinary courses that are added supplement the latest trend and advanced technology in the selected stream of engineering. Each group will provide an option to select one course. The minimum number of students' strengths for offering a professional elective is 10. However, this conditional shall not be applicable to cases where the admission to the program is less than 10.

**Open Elective Courses:** Students belonging to a particular stream of Engineering and Technology are not entitled to the open electives offered by their parent Department. However, they can opt for an elective offered by other Departments, provided they satisfy the prerequisite condition if any. Registration to open electives shall be documented under the guidance of the Program Coordinator/ Advisor/Mentor. The minimum numbers of students' strength for offering Open Elective Course is 10. However, this condition shall not be applicable to class where the admission to the program is less than 10.

**Major Project Phase - II:**

**CIE procedure for Project Work:**

(1) **Single discipline:** The CIE marks shall be awarded by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom shall be the Guide.

The CIE marks awarded for the project work, shall be based on the evaluation of the project work Report, project presentation skill, and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates.

(2) **Inter disciplinary:** Continuous Internal Evaluation shall be group-wise at the college level with the participation of all guides of the college. Participation of external guide/s, if any, is desirable. The CIE marks awarded for the project work, shall be based on the evaluation of project work Report, project presentation skill, and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates.

**SEE procedure for Project Work:** SEE for project work will be conducted by the two examiners appointed by the University. The SEE marks awarded for the project work shall be based on the evaluation of project work Report, project presentation skill, and question and answer session in the ratio 50:25:25.



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**Scheme of Teaching and Examination for BE (Autonomous Scheme-2023)**

(Effective from the Academic Year 2023-24)

**VIII-Semester-Branch**

Sl. No.	Course Area	Course Code	Course Title	TD/PSB	Teaching Hours/Week				Examination				Credits
					Theory/Lecture	Tutorial	Practical/Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	OE	M23BEC801x	Open Elective -II	ECE	3	0	0	0	03	50	50	100	3
2	OE	M23BEC802x	Open Elective -III	ECE	3	0	0	0	03	50	50	100	3
3	SR	M23BEC803	Technical Seminar	ECE	0	0	2	0	03	100	-	100	1
4	INT	M23BEC804	Internship	ECE	0	0	16	0	03	100	-	100	08
<b>Total</b>									<b>200</b>	<b>200</b>	<b>400</b>	<b>15</b>	

**PC:** Professional Core Course, **PCL:** Professional Core Course laboratory, **NCMC:** Non-Credit Mandatory Course, **AE:** Ability Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **ES:** Engineering Science Course, **ETC:** Emerging Technology Courses, **PLC-**Programing Language Course, **SR:** Technical Seminar

**Open Elective - II (Online Courses)**

**Open Elective – III (Online Courses)**

Code	Title	Code	Title
M23BXX801A		M23BXX802A	
M23BXX801B		M23BXX802B	
M23BXX801C		M23BXX802C	
M23BXX801D		M23BXX802D	

**Professional Core Course (IPC):** Refers to Professional Core Course Theory Integrated with practical's of the same course. Credit for IPC can be 04 and its Teaching– Learning hours (L: T : P) can be considered as (3 : 0 : 2) or (2 : 2 : 2). The theory part of the IPC shall be evaluated both by CIE and SEE. The practical part shall be evaluated by only CIE (no SEE). However, questions from the practical part of IPC shall be included in the SEE question paper.

**Elucidation:**

At the beginning of IV years of the program i.e., after VI semester, VII semester class work and VIII semester **Research Internship/Industrial Internship /Rural Internship** shall be permitted to be operated simultaneously by the University so that students have ample opportunity for an internship. In other words, a good percentage of the class shall attend VII semester class work and a similar percentage of others shall attend to Research Internship or Industrial Internship or Rural Internship. Research/Industrial/Rural Internship shall be carried out at an Industry, NGO, MSME, Innovation centre, Incubation centre, Start-up, centre of Excellence (CoE), Study



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Approved by AICTE, New Delhi [Recognized by Govt. of Karnataka]

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Centre established in the parent institute and/or at reputed research organizations/institutes.

The mandatory Research internship/Industry internship/Rural Internship is for 14 to 20 weeks. The internship shall be considered as ahead of passing and shall be considered for the award of a degree. Those, who do not take up/complete the internship shall be declared to fail and shall have to complete it during the subsequent University examination after satisfying the internship requirements.

**Research internship:** A research internship is intended to offer the flavour of current research going on in the research field. It helps students get familiarized with the field and imparts the skill required for carrying out research.

**Industry internship:** Is an extended period of work experience undertaken by students to supplement their degree for professional development. It also helps them learn to overcome unexpected obstacles and successfully navigate organizations, perspectives, and cultures. Dealing with contingencies helps students recognize, appreciate, and adapt to organizational realities by tempering their knowledge with practical constraints.

**Rural Internship:** Rural development internship is an initiative of Unnat Bharat Abhiyan Cell, RGIT in association with AICTE to involve students of all departments studying in different academic years for exploring various opportunities in techno-social fields, to connect and work with Rural India for their upliftment.

The faculty coordinator or mentor has to monitor the student's internship progress and interact with them to guide for the successful completion of the internship. The students are permitted to carry out the internship anywhere in India or abroad. University shall not bear any expenses incurred in respect of the internship.

With the consent of the internal guide and Principal of the Institution, students shall be allowed to carry out the internship at their hometown (**within or outside the state or abroad**), provided favourable facilities are available for the internship and the student remains regularly in contact with the internal guide. **University shall not bear any cost involved in carrying out the internship by students.** However, students can receive any financial assistance extended by the organization.

**Professional Elective /Open Elective Course:** These are ONLINE courses suggested by the respective Board of Studies