



# MALNAD COLLEGE OF ENGINEERING

(An Autonomous Institution Affiliated to VTU Belagavi)

P. B. No. 21, Hassan, - 573 202. (Karnataka State - India)

Ph : 08172 - 245317

E-mail: [office@mcehassan.ac.in](mailto:office@mcehassan.ac.in) | [www.mcehassan.ac.in](http://www.mcehassan.ac.in)



**2023 - 24**

## HAND BOOK

## **IMPORTANT TELEPHONE NUMBERS MCE, HASSAN**

**(Hassan STD Code-08172)**

1.	Principal : Dr. S Pradeep	245317
2.	MCE Office	245317
3.	MCE – Fax	245683
4.	Boys Hostel	245658
5.	Ladies Hostel	269234
6.	Canara Bank	269234
7.	SBM (Haralahally Branch)	245216
8.	MTES (O)	268371



# MALNAD COLLEGE OF ENGINEERING

(An Autonomous Institution affiliated to VTU, Belagavi)

P. B. NO. 21, HASSAN-573202, KARNATAKA, INDIA

STD: 08172-245317, FAX: 245683

www.mcehassan.ac.in | email:office@mcehassan.ac.in



## HAND BOOK 2023-24

**Name (Student/ Staff) :**

**USN / Designation :**

**Department/ Program :**

Mobile No.	:	
Aadhar No.	:	
PAN No.	:	
Driving License No.	:	
Bank Account Number	:	
IFSC Code	:	
Membership No.	:	
Blood Group	:	
Local address for Communication	:	

**NOTE :** This book contains information for the batch admitted during the academic year 2023-24





## Chairman's

**Sri Ashok Haranahalli**

Hon. Chairman

Board of Governors

Malnad College of Engineering

Hassan - 573202.



## MESSAGE

MCE is one of the reputed engineering colleges running under Malnad Technical Education Society(MTES). This institution has a rich legacy of six decades in imparting quality technical education. A strong Alumni network spread across the entire globe is a mark of success of MCE. As a leading technical institution, this college has created an ambience for overall personality development of the students.

The various autonomous programs of our institution are offering a balanced up to date curriculum as per the demands of industries. This initiative has resulted in good number of campus placements. All students admitted to our college will have a great opportunity to empower themselves with the wings of knowledge, power of innovation and a positive attitude. The management and staff are committed to retain the level of superiority already in command and improve further in every aspect of academics and overall development of students.

This handbook is helpful to familiarize the students with academic rules, regulations, campus facilities and other important information that will serve as a guide throughout your college years. I congratulate the efforts put forth in bringing out this handbook and hope it will be useful for staff & students.

I heartily welcome all the students admitted to our college and wish them success.

**Sri Ashok Haranahalli**



## **Vice Chairman's**

**Sri C.M. Thimmappa Gowda  
@ Puttaraju**

Hon. Vice Chairman  
Malnad College of Engineering  
Hassan - 573202.



## **MESSAGE**

Finally, you are MCEians.

Malnad College of Engineering is committed to provide excellent and effective engineering education with an engineering education with an Indian traditional orientation for enhancing technical skills and professional ethics.

It is expected that the students are aware of the rules and regulations pertaining to the autonomous functioning of our institute. In this context, this handbook is of great help. It gives a comprehensive overview of all necessary information to the newly admitted students. I hope students will make good use of this handbook.

**I wish all the students a very bright future and comfortable stay in MCE.**

**C.M. Thimmappa Gowda @ Puttaraju**



**Sri R.T. Dyave Gowda**

Hon. Secretary  
Malnad College of Engineering  
Hassan - 573202.



## MESSAGE

I am happy to welcome all the new entrants admitted for the academic year 2023-24.

Ours is one of the oldest colleges in Karnataka. The institute is successful in producing thousands of graduates working across the globe. We are very happy to welcome another new batch of students to our campus.

This handbook is a comprehensive guide with regard to autonomous structure, governance, academic regulations and facilities available in our campus. I wish that the student will use all these amenities to enhance their knowledge.

I wish success to various programs of the Institute.

**Sri R.T. Dyave Gowda**



**Sri S.G. Sridhar**

Hon. Treasurer  
Malnad College of Engineering  
Hassan - 573202.



## MESSAGE

I am very happy to witness the growth of MCE. This college is one of the premier technical Institutions serving in the malnad region since 1960. I forsee a great opportunity to all the students admitted to this college, to empower themselves with technical skills and shape their professional career.

I wish that the students will make best use of all the facilities available in our campus and come out with flying colors. Wishing every student with a grand success in all their endeavors.

**Sri S.G. Sridhar**



## From the Principal's Desk

**Dr. S. Pradeep**

Principal

Malnad College of Engineering  
Hassan - 573202.



## MESSAGE

I extend my warm greetings to all, from the Malnad College of Engineering. As we all have noticed off late, the current thriving generation of our country, i.e., the rising youth of India, is day by day becoming more of a powerhouse of knowledge and experience blended together. We at MCE believe that, guiding this potential energy of our youth towards the righteous direction, is our utmost duty. Here at the institution, students are being made to fruitfully experience a transient curriculum through the medium of the latest and powerful digital mentoring softwares, which not only sparks interest in our young future pioneers, but also rekindles their thinking ability that creates the necessary perspective through which they need to view the world.

Apart from class room based learning, teaching also happens via practical hands-on experiments in almost every course or subject provided in our college. The evaluation methodology is customized as per the identified strengths and weaknesses of the student via continuous assessment.

The institution believes in maintaining a healthy, green environment and also to encourage our students to maintain the same. The institution boasts of an appealing and stimulating infrastructure that facilitates the hosting of numerous extracurricular events, on a regular basis. Overall, when our students finally graduate, we make sure their personality is a package of considerable expertise in every aspect of life necessary to survive in this dynamically changing global era.

With the blessings of Almighty, over time, we have managed to consistently maintain the achievement of the aforementioned goals, with the cumulative efforts of the management, staff, students, parents and all other stakeholders.

**Dr. S. Pradeep**



## CONTENTS

SL. No.	PARTICULARS	P. No.
<b>PROFILE OF THE INSTITUTION</b>		
1	Malnad Technical Education Society ®	13
2	Malnad College Of Engineering	13
3	Outcome Based Education (OBE)	14
4	Executive Council of The Malnad Technical Education Society ®, Hassan	15
5	Ex-Officio Permanent Members	17
6	Board of Governors Of Malnad College Of Engineering, Hassan	19
7	Academic Council Members	21
8	External Members (VTU Nominee)	23
9	Expert from Industry and Education Sector	23
10	Administrative Officers	24
11	ME-RIISE FOUNDATION	26
12	AICTE IDEA Lab	27
13	MCE-BOSCH REXROTH Automation Centre	28
14	DST-FIST Facility	28
15	Sports Facility	30
16	Green Initiative	30
17	Spiritual Enclave	31
18	HERAGU AMPHITHEATER	31
19	Language Lab	32
20	Network Control Centre	32
21	Alumni	33

<b>AUTONOMY GOVERNANCE STRUCTURE</b>		
22	Definitions	34
23	Board of Governors (BoG)	35
24	Academic Council (AC)	37
25	Dean -Academic Affairs	38
26	Dean - Student Affairs	39
27	Dean -Examinations	39
28	Malpractice Enquiry Committee (MEC)	40
29	Grievance Redressal Committee (GRC)	40
30	Standing Disciplinary Action Committee (SDAC)	41
31	Campus Disciplinary Committee (CDC)	41
32	Parents Relations Centre (PRC)	42
33	Industry Advisory Board (IAB)	42
34	Internal BoS /Department Academic Committee (DAC)	43
35	Board of Studies (BoS)	43
36	Board of Examiners (BoE)	44
37	Course Faculty (CF)	45
38	Course Coordinator (CC)	45
39	Faculty Advisors (FA)	46
40	Faculty Mentor (FM)	46

<b>ACADEMIC PROGRAMME</b>		
41	Title and Duration of The Program	47
42	Curriculum	48
43	Credits System	49
44	Registration	50
45	Attendance Requirements	50
46	Dropping and Withdrawal from Courses	51
<b>STUDENT ASSESSMENT</b>		
47	Continuous Internal Evaluation (CIE)	52
48	Semester End Examination (SEE)	53
49	Passing standards	54
50	Grading system	54
51	Paper seeing and Revaluation	57
52	Make up Examination	58
53	Registration of Failed Courses	58
54	Supplementary Semester	59
55	Vertical Progression	60
56	Grade Card and Transcript	61
57	Change of Branch	63
58	Maximum duration to complete Degree	64
59	Successive Failure of a Course	64
60	Transfer from Non-autonomous Institute	64
61	Leave of Absence and Temporary Withdrawal	64
62	Graduation Requirements and Graduation Day	66
63	Permanent Withdrawal of Admission	67
64	Termination from The Academic Programme	67
65	Amendments and Jurisdiction	68

<b>DISCIPLINARY RULES AND MEASURES</b>		
66	Conduct and Discipline	69
67	Disciplinary Rules	70
68	AICTE Guidelines for Prevention and Prohibition of Ragging in Technical Institutions	71
69	AICTE Mandatory Committees	73
70	Guidelines for Recommending Penalties and Punishments to The Students Involved in Malpractice Committed During the Autonomous Examinations.	76
<b>VALUE ADDED COURSES &amp; SERVICES</b>		
71	B.E. (Minors)	80
72	B.E. (Honors)	80
73	Scholarship Facility	80
74	Library and Information Centre	83
75	Training and Placement	84
76	Internship and Skill Development	85
77	Hostel Facility	86
78	Support Services	86
<b>EXTRA-CURRICULAR ACTIVITIES</b>		
79	Students Club Activities	87
80	Youth Red Cross	93
81	National Service Scheme (NSS)	94
82	Women Empowerment Cell	95
<b>STUDENT RECOGNITION AND AWARDS</b>		
83	Best Outgoing Student	96
84	Best Sportsman	96
85	Gold Medals	96
86	Department Vision and Mission	96

# **PROFILE OF THE INSTITUTION**

## **1. Malnad Technical Education Society ®**

Malnad Technical Education Society was Established in the year 1960 to provide technical education to MALNAD (Land of Hills) regions – Hassan, Chikmagalur, Shimoga and Coorg Districts. It Started with the contributions by farmers and philanthropists of Malnad area. MTES is currently catering to education in the fields of women, children, law and management.

## **2. Malnad College Of Engineering**

Malnad College of Engineering established in the year 1960, during the second 5-year plan, as a joint venture of Government of India, Government of Karnataka and the Malnad Technical Education Society, Hassan. The Malnad College of Engineering is now a reputed Engineering college in the country. The college has earned “ISTE Award” as one of the Best Engineering Colleges in the Country, in the year 2007. The Institute located in the midway, (13°N and 76.5°E, altitude 943 mtrs.) between Bengaluru (180 kms) and Mangaluru (170 kms) on NH-75. Hassan a district headquarters, having a pleasant climate throughout the year. World famous temples of Belur, Halebidu, Shravanabelagola, and The Master Control Facility for INSAT Satellites are located in Hassan District.

The college is built on a 41.28 acres campus and has all the facilities expected in a modern engineering college. The college offers 9 B. E, 4 M.Tech, M.Sc.(Engg.) by Research and Ph.D programmes, with about 4000 students on rolls. The college is one of the few engineering colleges in the country recognized for conducting the Technical Education Quality Improvement Programme (TEQIP) sponsored by the World Bank. The Training and Placement centre in the college trains and assists the students in securing employment in reputed companies like Mercedes Benz, Tata Consultancy Services, Infosys, Wipro, L&T,

BEL, Samsung, Fichtner, Builders' Association of India etc., through campus recruitment programme.

### **3. Outcome Based Education (OBE)**

Outcome-Based Education (OBE) is a pedagogical model that entails the restructuring of curriculum, pedagogy and assessment practices to reflect the achievement of high-order learning, as opposed to a mere accumulation of course credits. While the traditional education system focuses on what is taught, OBE places emphasis on what is learned, and this distinction is very important. The latter is a student-centric model that incorporates real-world scenarios into the mix.

OBE is an education system built on specific outcomes. It focuses on the skill sets students must acquire following the completion of their programme. Activities in or outside the classroom are designed in a manner so as to help students to achieve these outcomes. One of the most profound benefits of OBE is the sense of clarity it fosters. Students, along with their parents, can pick an institution, program and course based on clearly spelled out learning objectives. The Course Outcome (CO), Program Outcome (PO), Program Specific Outcome (PSO) and Program Educational Objective (PEO) determine exactly what students are expected to accomplish, post their course or program respectively.

# Executive Council of The Malnad Technical Education Society ®, Hassan

<b>1</b>	<b>Sri Ashok Haranahalli</b> Chairman, GC of MCE & MTES®, No.558, 1st Main Road, 3rd Block, 2nd Stage, Rajamahal Vilas Extension Bangalore-560 094.	<b>2</b>	<b>Sri C.M. Thimmappa Gowda</b> @ Puttaraju, Vice-Chairman of MCE, Director, MTES®, MIG-48, Kuvempunagar, Hassan - 573 201.
<b>3</b>	<b>Sri G.L. Mudde Gowda</b> Vice- President, MTES®, D.No.889, 'Bharathi Nikethan', Ravindrangar, Hassan-573201.	<b>4</b>	<b>Sri B.R. Gurudev,</b> Vice- President, A.V.K. Degree College for Women, Director, MTES®, Coffee Planter, 'Gurukrupa' Shivakrupa Estate, Ballupet Sakleshpur Taluk.
<b>5</b>	<b>Sri K.M. Shivanna</b> Vice-Chairman – Haranahalli Ramaswamy Institute for Higher Education, Director, MTES®, 'Kenchamba', Sampige Road K.R. Puram, Hassan – 573 201.Director	<b>6</b>	<b>Sri C.R. Chandrashekar Iyer</b> Vice-Chairman, M Krishna Law College, Director, MTES®, Advocate, No. 942, 1st Main Road, 2nd Cross K.R. Puram, Hassan-573201.
<b>7</b>	<b>Sri. H.D. Parswanath</b> Vice-Chairman - Malnad International School, Director, MTES®, H.P. Dharnappa & Sons, Merchant Santhepet, Hassan-573201.	<b>8</b>	<b>Sri R.T. Dyave Gowda</b> Secretary, MTES®, Advocate, Ravindrangar Hassan-573201.
<b>9</b>	<b>Dr. D.C. Aravind</b> S/o Late Sri. D.A. Chandre Gowda Joint Secretary, MTES®, "Prashantha Nilaya" Ravindranagar, Hassan – 573 201	<b>10</b>	<b>Sri S.G. Sridhara</b> Treasurer, MTES ® Auditor and Tax Consultant, 1st Floor, Vidya Bhavan, Old Bus Stand Road Hassan - 573 201.

<b>11 Sri H.A.Venkataramu</b> Director, MTES®, Retired Engineer No.1609, 'Shankarakrupa' Northern Extension Hassan-573 201.	<b>12 Sri K.N. Gurappa</b> Director, MTES®, No. 8, Coffee Planter, Balerakoppalu K.Hosakote Hobli, Alur Taluk, Hassan District.
<b>13 Sri D.B. Hemantha Kumar</b> Director, MTES®, No. 1850, "Coffee Bean Inn", 20th Main, 14th Cross, 1st Sector, HSR Layout, Bangalore – 560 102.	<b>14 Sri G.T. Kumar</b> Director, MTES®, Ex. Municipal President K.R. Puram, Hassan – 573 201.
<b>15 Sri G.R. Srinivas</b> S/o G. Ramaswamy, Director, MTES®, No. 319, Shankaripuram, Hassan-573201.	<b>16 Sri C.R. Jagadeesh</b> S/o C.M. Rangegowda Director, MTES®, "Krupa Nilaya", 1st Floor, Behind Chirst School, Ring Road, Vidya Nagar, Hassan – 573 201
<b>17 Sri B.N. Suresh</b> S/o Narasgowda Director, MTES®, No. 1129, 3rd Cross, Basettikoppal Hassan-573201.	<b>18 Sri B.V. Srinivas</b> S/o Venkategowda, Director, MTES®, No. 27, Boovanahalli Deveerama Temple Street, Boovanahalli Hassan-573201.
<b>19 Sri H.K. Gurumurthy</b> Director, MTES®, No. 1683, "Sriranga", Northern Extension, Hassan – 573 201	<b>20 Sri G.K. Shankar</b> S/o M. Kambegowda, Director, MTES®, No. 21-1, Shanthigrama Hobli, Benagatte Road, Hassan - 573 220
<b>21 Sri Y.V. Venkatakrishna</b> Director, MTES®, No. 989, 5th Cross, Sampige Road, K.R. Puram, Hassan – 573 201	

## Ex–Officio Permanent Members

1.	<b><i>Principal</i></b> Malnad College of Engineering, Hassan – 573 201.	2.	<b><i>Principal</i></b> AVK. College for Women Hassan - 573201.
3.	<b><i>Principal</i></b> M. Krishna Law College Hassan – 573 201.	4.	<b><i>Principal</i></b> AVK PU College for Women Hassan - 573201.
5	<b><i>The Deputy Commissioner</i></b> Hassan District Hassan – 573 201.	6.	<b><i>The President</i></b> City Municipality Hassan – 573 201.
7.	<b><i>The Director</i></b> HR Institute of Higher Education, Hassan – 573 201.	8.	<b><i>The Principal</i></b> Malnad International School Hassan – 573 201.
9.	<b><i>Sri. A.G. Ramanath</i></b> Balaji Traders Main Road Pete, Arakalagudu, Hassan District.		

## **MALNAD COLLEGE OF ENGINEERING HASSAN**

### **VISION**

To be an institute of excellence in engineering education and research, producing socially responsible professionals.

### **MISSION**

- Create conducive environment for learning and research
- Establish industry and academia collaborations
- Ensure professional and ethical values in all institutional endeavours

## Board of Governors Of Malnad College Of Engineering, Hassan

<b>1. Sri Ashok Haranahalli</b> Chairman, BOG of MCE & MTES® No.558, 1st Main Road, 3rd Block, 2nd Stage, Rajamahal Vilas Extension, Bangalore-560 094.	<b>2 Sri. C.M. Thimmappa Gowda@ Puttaraju</b> Vice-Chairman, BOG of MCE, MIG-48, Kuvempunagar, Hassan - 573 201.
<b>3 Sri. R.T. Dyave gowda</b> Secretary, MTES® Ravindra Nagar Hassan - 573 201.	<b>4 Sri S.G. Sridhara</b> Treasurer, MTES ® Auditor and Tax Consultant, 1st Floor, Vidya Bhavan, Old Bus Stand Road, Hassan - 573 201.
<b>5 Sri. B.R. Gurudev</b> Member, BOG of MCE, Director, MTES® Coffee Planter, Ballupet@ Post, Sakleshpur Taluk Hassan District.	<b>6 Dr. D.C. Aravind</b> Permanent Invitee, BOG of MCE, Joint Secretary, MTES® “Prashanth Nilaya”, Ravindra Nagar, Hassan - 573 201
<b>7 Sri D.B. Hemantha Kumar</b> Director, MTES®, No. 1850, “Coffee Bean Inn”, 20th Main, 14th Cross, 1st Sector, HSR Layout, Bangalore –560 102.	<b>8 Directorate of Technical Education,</b> Government of Karnataka Ex-officio Member, BOG of MCE, P.B. No. 5045, Palace Road, Bangalore – 560 001
<b>9 Prof. L.N. Singh</b> UGC Nominee, BoG of MCE, Dean (R&C), Director IQAC, Head of Physics Dept, Dr. Babasaheb Ambedkar Technological University, Vidyavihar, Lonere- 402 103, Raigad, Maharashtra, India	<b>10 Dr. Rana Pratap Reddy</b> VTU Nominee, BoG of MCE, Principal, Global Academy of Technology, Aditya Layout, Rajarejeshwari Nagar, Bengaluru - 560 098

<b>11.</b>	<b>Dr. A.S. Kiran Kumar,</b> Academic Advisor–BOG of MCE, Former Chairman, ISRO, No. 223/21, 5th Main, Ganganagar, Bengaluru – 560 032	<b>12</b>	<b>Sri. S. Krishnaswamy</b> Invitee, BOG of MCE, Co-Founder and Partner, Practicworks Pvt. Ltd., Apt. 2102, Prestige South Ridge, Hosakere Halli, Banashankari 3rd Stage, Bangalore – 560 085
<b>13</b>	<b>Sri. K. Murali</b> Invitee, BoG of MCE, General Manager, CP Industries, No. 112, 1st Floor, Ideal Homes, Rajarajeshwari Nagar, Hassan - 573 202.	<b>14</b>	<b>Dr. G.K. Purushothama</b> Invitee, BoG of MCE, “Krishna”, 2nd Cross, 3rd Main, Opposite MCE, Vidyuth Nagar, Hassan - 573 202.
<b>15</b>	<b>Dr. M.K. Partha</b> Staff representative – BOG of MCE, Professor and Head, Dept. of Mathematics, MCE, Hassan	<b>16</b>	<b>Dr. Y. Arun Kumar</b> Staff representative – BOG of MCE, Professor, Department of I and P Engg., MCE, Hassan
<b>17</b>	<b>Dr. S. Pradeep</b> Principal / Member Secretary	<b>18</b>	<b>Sri. Shivarama Krishnaiah</b> Manager, MTES®, Hassan

## Academic Council Members

1	<b>Dr. S. Pradeep,</b> Principal - Chairman of the Council
2	<b>Dr. H. J. Amarendra,</b> Dean (Planning & Development), Professor, Department of Mechanical Engineering.
3	<b>Dr. J. Chandrika,</b> Dean (AA), Professor & Head, Department of Information Science & Engineering.
4	<b>Dr. Rajanna S,</b> Dean (Exams), Professor, Department of Electrical and Electronics Engineering.
5	<b>Dr. H. S. Narashimhan,</b> Dean (SA), Associate Professor, Department of Civil Engineering.
6	<b>Dr. M.S. Srinath,</b> Dean (Research), Professor & Head, Department of CSBS Engineering.
7	<b>Dr. Ananda Babu. J,</b> Associate Dean (AA), Associate Professor, Department of Information Science & Engineering.
8	<b>Dr. G.K. Kalavathi,</b> Associate Dean (SA), I year HoD Associate Professor, Department of Mathematics.
9	<b>Dr. Mohankumar Chavan,</b> Professor and Head, Department. of Civil Engineering.
10	<b>Dr. Ezhil S Vannan,</b> Professor & Head, Department of Mechanical Engineering.
11	<b>Dr. N.S. Jyothi,</b> Professor & Head, Department of Electrical and Electronics Engineering.
12	<b>Dr. P.C. Srikanth,</b> Professor & Head, Department of Electronics and Communication Engineering.
13	<b>Dr. Ezhil S Vannan,</b> Professor and Incharge Head, Department of Automobile Engineering.

14	<b>Dr. A. Geetha Kiran,</b> Professor and Head, Department of Computer Science & Engineering.
15	<b>Dr. M.R. Rangaraju,</b> Professor and Head, Department of Physics, I Year HoD
16	<b>Prof. K.N. Krishna Kumar</b> Associate Professor & Head, Department of Chemistry
17	<b>Dr. Naveen Kumar C.M.</b> Assistant Professor & Head, Department of Electronics & Instrumentation Engineering
18	<b>Dr. Balaji Prabhu B.V.</b> Associate Professor & Head, Department of Computer Science and Engineering (AI&ML)
19	<b>Dr. M.K. Partha,</b> Professor & Head, Department of Mathematics
20	<b>Sri. Sree Rajendra,</b> PG Coordinator, Department of Mechanical Engineering.
21	<b>Dr Manu K.C,</b> PG Coordinator, Department of Civil Engineering.
22	<b>Dr. L. Lakshman Naik,</b> Professor, Department of Mechanical Engineering.
23	<b>Dr. C S Suresh BABU,</b> Associate Professor, Department of Electronics and Instrumentation Engineering.
24	<b>Smt. Supriya M J</b> Asst. Professor, Department of Civil Engineering.
25	<b>Sri. B.B. Neelakantappa,</b> Training and Placement Officer, Associate Professor, Department of Computer Science & Engineering
26	<b>Sri. Somashekar D. L.</b> Asst. Director of Physical education

## External Members (VTU Nominee)

1.	<b>Dr. B. Sadashive Gowda</b> Principal, Vidyavardhaka College of Engineering, Mysuru.
2.	<b>Dr. Shreedhara K S</b> Professor, Department of CSE, UBDT, Davanagere
3.	<b>Dr. Veena Desai</b> Professor, Department of Electronics and Communication Engineering, Gogte Institute of Technology, Belagavi

## Expert from Industry and Education Sector

1.	<b>Dr. Rajath Elias Soans,</b> Senior Chief Engineer, Samsung Research Institutes, Bengaluru
2.	<b>Sri. Subramnaya A.G.,</b> Business Head, Micromatic Machine Tools Pvt. Ltd., Bengaluru
3.	<b>Sri. Satheesha B Nanjappa,</b> Vice President and Head Global Education Center, Infosys, Mysuru
4.	<b>Dr. M.T. Venuraj,</b> Professor, Emeritus, Dept. of Civil Engg., M.C.E. Hassan.
5.	<b>Sri. S. Premananda Shenoy,</b> Director, Master Control Facility-ISRO, Hassan.

## Permanent Invitee and Academic Advisor

1.	<b>Dr. A. S. Kiran Kumar,</b> Former Chairman, ISRO
----	--

## Administrative Officers

Sl No	Officer	Mobile No.
1	<b>Principal</b> Dr. S. Pradeep, <small>B.E., MSc(Engg), Ph.D</small> sp@mcehassan.ac.in	9740620519
2	<b>Dean -Planning &amp; Development</b> Dr. H.J. Amarendra, <small>B.E., M.Sc.(Engg), Ph.D.</small> hja@mcehassan.ac.in	9448066954
3	<b>Dean -Academic Affairs</b> Dr. Chandrika.J, <small>B.E., M. Tech., Ph.D.</small> jc@mcehassan.ac.in	9448871082
4	<b>Dean -Exams</b> Dr. Rajanna.S <small>B.E., M. Tech., Ph.D(IITR)</small> sr@mcehassan.ac.in	8791340700
5	<b>Dean -SA</b> Dr.H.S.Narashimhan <small>B.E., M. Tech., Ph.D.</small> hsn@mcehassan.ac.in	9448919722
6	<b>Dean -Research Programmes</b> Dr. M. S. Srinath, mss@mcehassan.ac.in	8277421917
7	<b>Associate-Dean Academic Affairs</b> Dr. Ananda Babu. J, <small>B.E., M. Tech., Ph.D.</small> abj@mcehassan.ac.in	9844081383
8	<b>Co-ordinator - Library &amp; Software Utilisation &amp; Monitoring</b> Prof. K.A. Raghuram, <small>B.E., M. Tech</small> rka@mcehassan.ac.in	9731793730

Sl No	Officer	Mobile No.
9	<b>Associate Dean (SA),</b> Dr. G. K. Kalavathi gkk@mcehassan.ac.in	9844241717
10	<b>Training &amp; Placement Officer</b> Mr. B.B. Neelakantappa, <i>B.E., M. Tech.,</i> bbn@mcehassan.ac.in	9480783006
11	<b>Co-ordinator - SWAYAM</b> Dr. Ananda Babu J <i>B.E., M. Tech., Ph.D.</i> abj@mcehassan.ac.in	9844081383
12	<b>Co-ordinator : ME-RIISE</b> Dr. A. Geetha Kiran <i>CEO B.E., M.Sc. (Engg.) by Research, Ph.D.,</i> agk@mcehassan.ac.in	9448179074
13	<b>Network Administrator</b> Mr. Tejonidhi M.R. <i>B.E., M. Tech.</i> tmr@mcehassan.ac.in	9844051956
14	<b>Protocol Officer</b> Smt. Sumana Jayaprakash, <i>B.E., M.Arch.</i> sj@mcehassan.ac.in	9449888177
15	<b>Make-in-MCE</b> Dr. H. J. Amarendra <i>B.E., M.Sc.(Engg), Ph.D.</i> hja@mcehassan.ac.in	9448066954

## 11. ME-RIISE FOUNDATION

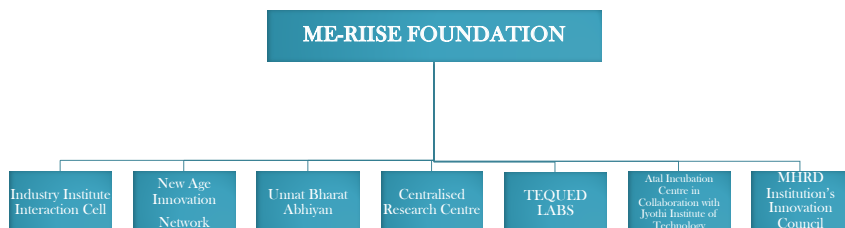
*Elevating Ideas Incubating Success*

**Malnad Enclave for Research, Innovation, Incubation, Start-ups and Entrepreneurship (ME-RIISE)** was formed by MCE in the year 2018 to initiate its objectives beyond education and create social and economic impact in the Hassan region by supporting innovations and start-ups. As a step towards further expanding its reach and enhancing its impact, ME-RIISE has set up a distinct entity, **ME-RIISE FOUNDATION**, A Section 8 company, promoted by **Malnad College of Engineering** and supported by Management, Teaching staff and Students in **September, 2022**. This Section 8 company is composed of 5 Directors and 2 Advisors. ME-RIISE FOUNDATION is committed to promote innovation, incubation, startups, and entrepreneurship in the region and expand its reach, enabling students/ youth and aspiring entrepreneurs to realize their potential and contribute towards the growth of the economy.

### Proposed activities of ME-RIISE FOUNDATION are:

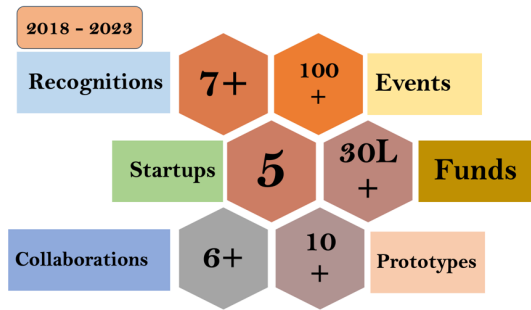
- Application of technology to promote arts, commerce, science, sports, education, research, social welfare, religion, charity, protection of environment.
- Providing the young graduates adequate management and technical training that will enable them to be creative and innovative in promoting business opportunities.
- To create job and employment opportunities for the region of our nation.
- To incubate the spirit of perseverance in the youths.

### Avenues under ME-RIISE FOUNDATION :



**Funds raised through** New Age Innovation Network – A GoK Initiative, Unnat Bharat Abhiyan – A Govt. of India Initiative, Alumni, Institute and ME-RIISE FOUNDATION for enhancing innovation and startups ecosystem in the institute is **Rs. 31, 17, 906/- (Rupees Thirty One Lakh Seventeen Thousand Nine Hundred and Six only)**

# Accomplishments



## 12. AICTE IDEA Lab

AICTE Idea Development Evaluation and Application (IDEA) LAB of Malnad College of Engineering Hassan has been established in the year 2022 with the total grant amount Rs.93.69 Lakh. The contribution towards the total grant has been shared between AICTE (50%) and MCE, Hassan (50%). The AICTE IDEA LAB introduced by AICTE, New Delhi, is a movement in the country to enhance required multi-skill sets in youths with the latest technological advancement to make them employable. The aim is also to expose our next generation to the advanced tools and technology available at the global standard. Malnad College of Engineering is proud to receive this prestigious project, which is one among 49 institutions in the country and one among 5 institutions in Karnataka state.

3D printers, Laser engraver and cutting machine, CNC wood router, PCB Prototyping machine, all sorts of advanced powered tools, etc., are the parts of the created facilities in the LAB. The LAB will be kept open 24/7 for all the students and faculty members of all types of schools and colleges of the Hassan district. It has incubated more than 70 various students' projects and the number is still growing.



## 13.MCE-BOSCH REXROTH Automation Centre

MCE-Bosch Rexroth Regional Centre has been established as a joint venture between Malnad College of Engineering and Bosch Rexroth India Limited (BRIN), Ahmedabad, Gujarat in the year 2011. Bosch-Rexroth has offered both technical as well as financial assistance. The state of art facilities are established at an approximate cost of Rs 4.8 crores in which institution contribution is 25%. It includes Hydraulic Trainer kits, Pneumatic Trainer kits, Mechatronics Trainer kit, Programmable Logic Controllers-PLC L10 Trainer Kits, PLC L2o Trainer Kit, MLD, MTX-CNC.



## 14. DST-FIST Facility

The “Centre for Innovative Teaching, Learning and Research (ITLR)” established during the year 2021-22 with financial grants received under the Scheme “Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program - 2019” of the Department of Science & Technology (DST), Government of India. The centre is intended to provide basic infrastructure and enabling facilities for promoting innovative teaching, learning, training and R&D activities in new and emerging areas and attracting fresh

talents in college & other educational institutions. The total budget of this 5year activity is Rs 50.00 Lakhs. The amount released under Phase-I is Rs.32.5 Lakhs, which has been utilised for the establishment of the centre and remaining amount will be received in a phased manner in next 4 years.

### **Facilities available at the “Centre for Innovative Teaching, Learning and Research (ITLR)” (DST-FIST)**

 <p><b>Servo Drive Training Setup</b></p>	 <p><b>Level Control Measurement Training Setup With PLC</b></p>	 <p><b>Variable Frequency Drive (VFD) Training Setup</b></p>	 <p><b>Rotary Indexing table with stepper moter and pneumatic pusher Training Setup</b></p>
 <p><b>Flow and volume control Training Setup</b></p>	 <p><b>Peer to Peer network and X-Y Plotter</b></p>	 <p><b>Fully Automate Electroplating Plant</b></p>	
 <p><b>Temperature Control Training Setup</b></p>	 <p><b>Hydraulic Controlled Material Lift</b></p>	 <p><b>3 station left (table top model) with motor, sensors, door limit switch push buttons etc</b></p>	 <p><b>Batching Plant with Load Cell</b></p>

## 15. Sports Facility



## 16. Green Initiative

### Green Initiatives in the campus



## 17. Spiritual Enclave

### Divya Chaithanya Pyramid

Here in this place, we conduct peaceful activities like Yoga, Meditation, Devotional-Prayer, Songs, Dance, and more. It's open for students, college staff, and the public can participate in these activities. Yoga has evolved with a focus on exercise, strength, flexibility, and breathing. It can help in boosting physical and mental well-being. These activities will give people, peace, calm, rest, refresh, and more.



## 18. HERAGU AMPHITHEATER

Amphitheater is a part of the MCE Alumni Convention Centre. It's a open air theatre facility for all the outdoor activities.

Dr Sundresh Heragu, 1982 batch Mechanical branch alumni and presently Dean at Oklahoma state university, has pledged 30,000 USD and the amphitheater is named after his sur name Heragu as per his request. An alumni association M-Foundation has contributed substantial amount to complete the amphitheater. Now this facility is being extensively used by different student clubs of the college. They also organize cultural events on every Friday at 5-30 PM to showcase their talents.

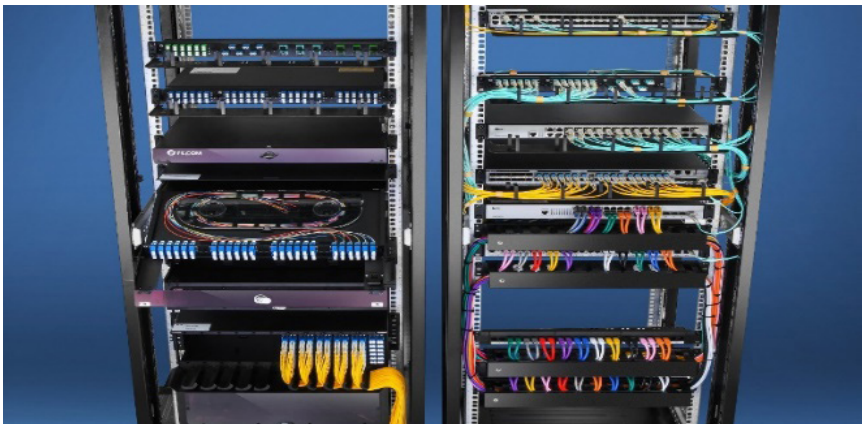


## 19. Language Lab

A language Laboratory is equipped with 30+1 user's licence. The software is designed with the ability to spell English words in different accents which a student can hear with the help of speakers or headphone and can record the same thing in their voice. The software can show the comparison in the pronunciations and the student can clearly see the variations in pronouncing the words. The Software consists of several modules starting from preliminary English language module to advanced modules covering essay writing, letter writing, how to pronounce a word in various accents like Indian, American and UK to name a few.

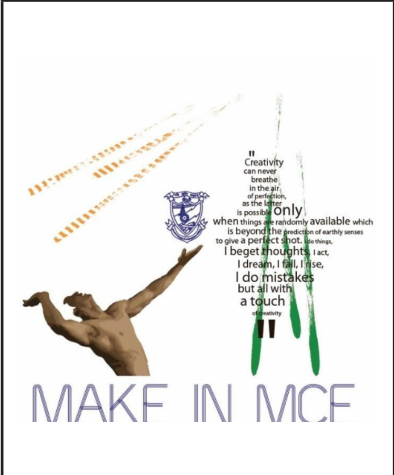
## 20. Network Control Centre

The Network Control Center (NCC) was established in the year 2002. It is a central location from which network administrator manage, control and monitor all system maintenance, network activities carried out in the campus with proper security. NCC provides campus wide Wi-Fi facility for staff and students with a dedicated leased line from Airtel of bandwidth 1Gbps.



## 21. Alumni

The college has a large and strong alumni network. Every year, Alumni meet is conducted in college, one city in India and also abroad. Alumni are generously giving financial support to the needy students and children of Group-D employees of college by giving scholarship. Twelve alumni scholarships are given annually.

	<p>CHAITHANYASETHU, an Association of 1986-90 batch of MCE alumni are contributing for the growth of our students, extending both financial support and technical guidance for unfolding the potential of our students. This initiative is known as Make in MCE - An innovative concept to launch entrepreneurial career for students. Also provides a launch pad for entrepreneurial careers for students.</p>
--	---

# AUTONOMY GOVERNANCE STRUCTURE

## 22. Definitions

(Unless The Context Otherwise Requires)

<b>MCE</b>	Malnad College of Engineering (Hassan, Karnataka, India)
<b>BoG</b>	Board of Governors
<b>AC</b>	Academic Council of the college
<b>BoS</b>	Board of Studies
<b>BoE</b>	Board of Examiners
<b>MEC</b>	Malpractice Enquiry Committee
<b>GRC</b>	Grievance Redressal Committee
<b>SDAC</b>	Standing Disciplinary Action Committee
<b>IQAC</b>	Internal Quality Assurance Cell
<b>Principal</b>	Principal of the College
<b>Dean – AA</b>	Dean Academic Affairs
<b>Dean – SA</b>	Dean Student Affairs
<b>DEAN -EXAMS</b>	Dean Examinations
<b>CET</b>	Common Entrance Test (conducted by Government of Karnataka)
<b>Course</b>	A specific subject identified by its course-code and course- title with a specified syllabus along with a set of references offered during a specific academic-session/ semester
<b>Curriculum</b>	The set of academic regulations, course-structure and course contents
<b>HoD</b>	Head of the Department
<b>IAB</b>	Industry Advisory Board
<b>DAC</b>	Department Academic Committee/Internal BoS
<b>FA</b>	Faculty Adviser
<b>CF</b>	Course Faculty
<b>CC</b>	Course Coordinator
<b>FM</b>	Faculty Mentor

<b>Department/ Program</b>	Department that offers the degree program the student has enrolled for
<b>Project Guide</b>	Faculty who guides the project of the student(s)
<b>Regulations</b>	Set of governing rules
<b>VTU</b>	Visvesvaraya Technological University, Belagavi
<b>CGPA</b>	Cumulative Grade Point Average
<b>SGPA</b>	Semester Grade Point Average
<b>CIE</b>	Continuous Internal Evaluation
<b>SEE</b>	Semester End Examination
<b>EC</b>	Equivalence Committee
<b>PDC</b>	Provisional Degree Certificate
<b>CDC</b>	Campus Disciplinary Committee
<b>PRC</b>	Parents Relations Centre
<b>CSE</b>	Chief Superintendent of Examination
<b>Dy. CSE</b>	Deputy Chief Superintendent of Examination
<b>SGRC</b>	Special Grievance Redressal Committee
<b>CICC</b>	College Internal Complaints Committee

## 23. Board of Governors (BoG)

(Constituted as per the norms stipulated by the University)

**Meetings :** The member secretary shall, with the approval of the Chairman convene the meeting of the BoG at least twice in a year and such other occasions as may be necessary. The member secretary shall, with the approval of the Chairman prepare the agenda for the meeting. Quorum for the meeting shall be seven members. However, if there is no quorum for the meeting convened up to half an hour, then the meeting shall stand adjourned to the next convenient day fixed. In the adjourned meeting, if there is no quorum upto half an hour, the members present shall themselves constitute the quorum and conduct the meeting.

**Term of the members :** Two years, except for the Commission/ Council nominees. When a vacancy arises, the Chairperson of the Governing Council can appoint a new member.

## **The functions of BoG are to :**

- ✦ Adopt the fee/other charges payable by students of the college as fixed by the Government/ University from time to time.
- ✦ Accept endowments, institute scholarships, fellowships, studentships, medals, prizes and certificates on the recommendation of Academic Council.
- ✦ Approve the institution of new programmes of study in the College with the concurrence of university leading to degrees and/or diplomas.
- ✦ Lay down service conditions, emoluments as per the council norms, traveling allowances for teaching and non-teaching staff in the college, consistent with the University statutes/ ordinances/ regulations/ rules and State Government provisions.
- ✦ Lay down procedures for selection/ recruitment of teaching, non-teaching staff and to appoint the same in the college, consistent with University/ Council statutes/ ordinances/ regulations/ rules and State Government provisions.
- ✦ Regulate and enforce discipline among members of teaching and non-teaching staff in accordance with the rules/ procedure laid down in this regard.
- ✦ Invest (any money belonging to the College) in approved securities, as it shall from time to time, think fit or in the purchase of immovable property.
- ✦ Transfer or accept transfer of any movable or immovable property of the College.
- ✦ Entertain, adjudicate upon and if thought fit, constitute a committee to advise and/or to recommend Redressal of the Grievances of the members/ staff of the College.
- ✦ Delegate administrative and financial powers to the principal and other functionaries in the College for smooth functioning.
- ✦ Approve the Annual Report of the College, perform such other functions, constitute committees as may be necessary and deemed fit for the proper development and fulfill objectives for which the College has been established.

## 24. Academic Council (AC)

(Constituted as per the norms stipulated by the University)

### **Constitution of Academic Council (AC)**

**Chairman :** Principal

**Member Secretary :** Dean Academics

**Members :** All Heads of the Department, four teachers of College representing different levels of teaching staff by rotation on the basis of seniority of service in the college to be nominated by the Principal, not less than four experts from outside the college representing such areas as industry, research & development laboratories, and technical education to be nominated by the BoG, three nominees of the University.

**Meetings :** The member secretary shall, with the approval of the Principal, prepare the agenda and convene the meeting of the AC, at least twice a year and on such other occasions as may be necessary. One half of the members shall constitute the quorum. However, if there is no quorum for the meeting convened upto half an hour, then the meeting shall stand adjourned to a next convenient day fixed. In the adjourned meeting, if there is no quorum upto half an hour, the members present shall themselves constitute the quorum and conduct the meeting.

### **The functions of Academic Council :**

- ✦ Scrutinize and approve the proposals of the Boards of Studies with regard to programs of studies, academic regulations, curricula, scheme, syllabi and modifications there of, instructional and evaluation arrangements, methods, procedure relevant thereto etc. If AC differs on any proposal, it shall have the right to return the matter for reconsideration to the Board of Studies concerned or reject it, after giving reasons to do so.
- ✦ Adopt regulations regarding the admission of students consistent with the University/Government norms for different programs of study in the College.
- ✦ Frame regulations consistent with the University norms to conduct examinations and initiate measures for improving the quality of teaching, students' evaluation and students' advisory system in the College.

- ✦ Approve the list of successful candidates for the award of degree certificate.
- ✦ Make regulations for sports, extracurricular activities and proper maintenance of the playgrounds and hostels.
- ✦ Recommend to the BoG the proposal for instituting new program(s) of study.
- ✦ Make recommendations to BoG regarding the institution of scholarships, studentships, fellowships, prizes and medals and to frame regulations for the award of the same.
- ✦ Make recommendations to the BoG on issues related to academic affairs.
- ✦ Encourage faculty members to undertake sponsored research, industrial consultancy, continuing education and related activities.
- ✦ Perform such other functions as may be assigned to it by the BoG of the institute.

## **25. Dean -Academic Affairs**

### **The functions of Dean -AA:**

- ✦ Implementation of all decisions taken on academic matters by AC.
- ✦ Registration of students, and maintenance of academic records of students.
- ✦ Be responsible for all the matters connected to students' academic activities.
- ✦ To receive, process and maintain all records pertaining to undergraduate program including curricula, courses offered, academic calendar, registration, records of long leave and examinations.
- ✦ Disseminate information related to all academic matters by issuing necessary circulars.
- ✦ To act as a channel of communication between students, faculty, departments and DAC.
- ✦ To conduct faculty appraisal by the students and report the results to the principal for follow-up action.

## 26. Dean - Student Affairs

### **The functions of Dean -SA :**

- ✦ Take care of First year students admission process
- ✦ Facilitate government, non-government and alumni scholarships to students
- ✦ Ensure campus to be free of ragging
- ✦ Monitoring the proctorial system
- ✦ Issuing ID cards, authorize Railway/Bus concession certificates to the students.
- ✦ Having liaison with the University regarding the issue of migration and other certificates.
- ✦ Taking care of the general welfare of students.
- ✦ Addressing all students related problems and disciplinary matters

## 27. Dean -Examinations

### **The functions of Dean -Exams:**

- ✦ Monitoring all matters pertaining to conduct of CIEs, SEEs, evaluations and grading, publication of results and printing of grade cards.
- ✦ Preparing timetable for all SEEs, in consultation with Dean -AA.
- ✦ Maintaining the examination records of students.
- ✦ Corresponding with VTU regarding award of degree to students.
- ✦ Issue transcripts to the students.

## 28. Malpractice Enquiry Committee (MEC)

### **Constitution of Malpractice Enquiry Committee :**

Chairman	Chief Superintendent of Examination or his Nominee
Convener	Dean -Exams
Members	Dean-AA, Dean-SA, Concerned HoD, and Faculty nominated by Chairman

### **The functions of MEC:**

- ✦ Conduct enquiry of students involved in malpractice in CIE and SEE.
- ✦ Deliberate and decide on the quantum of punishment depending upon the gravity of the offence
- ✦ The general punishment for all cases of malpractice shall be: awarding of F grade in the corresponding course, denial of permission to take up the immediate make up SEE, allowing the student to re-register for the same course only during the next year, i.e., after a break of one year, etc..

## 29. Grievance Redressal Committee (GRC)

### **Constitution of GRC :**

Chairman	Principal or his Nominee
Convener	Dean -AA
Members	Dean -Exams, Dean -SA, and Concerned HoD

### **The functions of GRC :**

- ✦ Receive written requests/complaints from students regarding any kind of academic grievances, deliberate and suggest appropriate remedies in genuine cases.
- ✦ Recommend for implementation, modification of grades, if any, through proper mechanism.
- ✦ Conduct enquiry of students involved in malpractice in CIE/SEEs, deliberate and decide on the quantum of punishment.

### 30. Standing Disciplinary Action Committee (SDAC)

Chairman	Principal or his Nominee.
Members	Dean - SA, Concerned HOD, Two Faculty / Officials nominated by the Chairman

SDAC shall investigate the details of the violation of discipline includingragging and recommend suitable disciplinary action.

### 31. Campus Disciplinary Committee (CDC)

Chairman	Principal or his Nominee.
Members	Dean-SA, Concerned HoD, Faculty/Officials nominated by the Chairman

CDC shall investigate the details of the violation of campus discipline andrecommend suitable disciplinary action.

## 32. Parents Relations Centre (PRC)

As per the notification of the Visvesvaraya Technological University, Ref. VTU/ ACA-Circulars/ 2014-2015/8009 dated 21st Oct. 2014, Parent Relation Centre has been established in the institution. The objectives of this centre is to find out the problems faced by the students and to strengthen the student support system by organizing Parents meet as part of Parents-Institution Interactions. In this regard the role of the parent is very important in guiding and monitoring the progress of their wards.

The purview of the Parents meet shall be pertaining to the academic issues, ways and means to lower the dropout rate, to incorporate parent's views and suggestions in relevant matters like facilities in the campus and hostels and to deliberate on important issues pertaining to the welfare of the students. The Parents meet will be conducted once in every semester.

### The Conveners are –

Sl. No.	Name	Designation
1	Mrs. Sumana Jayaprakash	Assistant Professor, Department of Civil Engineering.
2	Dr. Vasundhara M G	Assistant Professor, Department of Mechanical Engineering.

## 33. Industry Advisory Board (IAB)

IAB is intended to help to initiate close interaction between the institute and the industry. Through IAB, we expect to improve the quality of technical education adequately and meet the needs of the industry and academia. Provides support in expanding and strengthening mutually beneficial relationships with industry, present and former students, and government agencies.

<b>Chairman</b>	<b>Head of the Department</b>
Internal Members	Minimum four faculty members at different levels nominated by the HoD
External Members	2-4 Persons from industry

## 34. Internal BoS /Department Academic Committee (DAC)

### **Constitution of DAC :**

<b>Chairman</b>	<b>Head of the Department</b>
Members	Minimum four faculty members at different levels nominated by the HoD

### **The functions of Internal BoS /DAC :**

- ✦ Monitor conduct of courses offered by the department
- ✦ Monitor conduct of courses offered by the department
- ✦ Ensure academic standards and excellence of the courses offered by the department
- ✦ Oversee evaluation of each course offered
- ✦ Recommend modifications in the curriculum to the BoS
- ✦ Help Dean -AA in the registration of all departmental courses and preparation of academic calendar.

## 35. Board of Studies (BoS)

### **Functions of External BOS :**

- ✦ Prepare syllabi for various courses keeping in view the Vision/Mission of college, department interest of the stakeholders, and State/ National requirements for the considerations and approval of the AC.
- ✦ Suggest methodologies for innovative teaching and evaluation techniques
- ✦ Suggest panel of experts to AC for appointment of examiners
- ✦ Coordinate research, teaching, extension and other academic activities in the departments.
- ✦ Any other function that may be assigned by the AC.

## **Constitution of BoS**

<b>Chairman</b>	<b>Head of the Department</b>
Members	<ol style="list-style-type: none"><li>1. At least five faculty members at different levels covering different specializations.</li><li>2. Two experts in the programme from outside the college, to be nominated by Academic Council.</li><li>3. One expert from outside the college nominated by the ViceChancellor from a panel of six recommended by Principal.</li><li>4. One representative from industry/corporate sector/ allied area relating to placement to be nominated by the AC.</li><li>5. One postgraduate meritorious alumnus to be nominated by Principal as member.</li></ol>
Co-opted members	<p><b>Chairman co-opts the following members:</b></p> <ol style="list-style-type: none"><li>1. Experts from outside the college whenever special subjects of studies are to be formulated.</li><li>2. Other members of the faculty of the same department</li></ol>

## **36. Board of Examiners (BoE)**

### **Constitution of BoE**

<b>Chairman</b>	<b>Nominated by the HoD and approved by the Principals</b>
Members	All the members from DAC and atleast one expert from other institutions.

### **The functions of BoE :**

- ✦ Scrutinize the question papers.
- ✦ Forward the panel of examiners for each course to the Dean -Exams in consultation with the Principal.
- ✦ Plan and conduct the CIEs and course activities.
- ✦ Assists Dean - Exams in conducting the SEEs.

## 37. Course Faculty (CF)

**The Course Faculty shall perform the following functions :**

- ✦ Follow all regulations relating to teaching of a course and evaluation of students.
- ✦ Be responsible for all records such as course registration, answer books, attendance of the students registered for the course taught.
- ✦ Conduct classes/Laboratories as prescribed in the academic calendar and Time Table.
- ✦ Share the lesson plan, evaluation plan together with the objectives of the course and reference materials with the students in the beginning of the course
- ✦ Conduct the CIEs for the course activities like quiz & assignments.
- ✦ Document the students' performance and announce the results of CIE as stipulated in the regulations.
- ✦ Report to the HoD on a regular basis the progress of the course and the cases of poor performance and low attendance that may result in an "F" grade at the end of the course.
- ✦ The Course Faculty may also advise/counsel such students and assist them in improving their performance and avail the facilities such as withdrawal from the course.

## 38. Course Coordinator (CC)

Courses which are taught by more than one Course Faculty and courses which are taught to more than one class/ section shall have a Course Coordinator appointed by the HoD of the teaching department. The CC shall have the following responsibilities:

- ✦ Coordinate amongst all the CFs teaching the course regarding progress of classes, synchronize coverage of topics and set or arrange to set question papers for CIEs.
- ✦ Serves as SPOC between HoD and all course faculty.

### 39. Faculty Advisors (FA)

Each class is assigned a Faculty Advisor. The FA shall continuously interact with the all students of his/her class through scheduled and informal meetings. The FA shall:

- ✦ Monitor the students' performance and progress.
- ✦ Communicate with the parents/ guardians regarding the performance and progress of the students.
- ✦ Serves as SPOC between HoD and all students of the class.

### 40. Faculty Mentor (FM)

**Faculty Mentor (FM) :** Each Faculty mentor may be assigned up to twenty students. He/She shall continuously interact with the students through scheduled and informal meetings. The FM shall assist, mentor, guide, advice and counsel the students in matters relating to academics, co-curricular and extra-curricular activities, career planning and personality development. Monitor the students' performance and progress based on available data. Identify students' strengths and weaknesses and work with them to overcome their weaknesses and reinforce their strengths. Communicate with the parents/ guardians regarding the performance and progress of the students. Responsible to award activity points to the student.

# ACADEMIC PROGRAMME

## 41. Title and Duration of The Program

**The Program** : shall be called a Degree Course in Bachelor of Engineering (B.E.).

**The normal duration of the program** : shall be four academic years. However, the maximum duration for the B.E. program shall be eight years from the date of first registration, which includes the period of withdrawal, absence and different kinds of leave permissible to a student.

**Academic Year** : An academic year consists of two semesters and the overall schedule, in general, shall be as follows:

NUMBER OF SEMESTERS / YEAR	Two Main semesters (Odd & Even) Supplementary semester (After IV and VIII Sem)
SEMESTER DURATIONS (WEEKS)	Main semesters (Odd & Even):19 Weeks each (16 Weeks of Academics & 03 Weeks of Exams)  Supplementary semester : 8 to 10 Weeks (08 Weeks of Academics & One/Two weeks of Exams)

**Academic calendar** - Academic Calendar is prepared by the Dean -AA well before the commencement of each semester and published in the college website and Notice Boards. This clearly indicates the dates of registration, Continuous Internal Evaluation (CIE), SEE, semester vacation, etc.

Sl No	Scheduled Week	Event Particulars
1.	1st Week	Registration of courses
2.	4th Week of Odd semester	Last date to pay Tuition & Examination Fees
3.	6th Week	CIE – 1
4.	10th Week	CIE – 2
5.	16th Week	CIE – 3
6.	16th Week	<ul style="list-style-type: none"> <li>• Withdrawal of Course/s by eligible students</li> <li>• Faculty Evaluation by Students</li> <li>• Freezing of IA Marks</li> <li>• Last Working Day for students</li> </ul>
7.	17th Week	Examination Preparation Holidays
8.	18th & 19th Week	SEE Examinations
9.	20th Week	Practical Examinations
10.	21st Week	Results
11.	22nd Week	Makeup SEE Examination for students with CIE $\geq 45$

## 42. Curriculum

The curriculum is designed as per the Outcome Based Education (OBE) and shall include

- ✦ General Engineering courses,
- ✦ Basic Science,
- ✦ Humanity, Social Sciences, Management
- ✦ Core Professional Engineering,
- ✦ Professional Electives,
- ✦ Emerging technology courses
- ✦ Programming Language courses
- ✦ Open Electives
- ✦ Internships
- ✦ Minor/Major Project works

Individual Board of Studies (BoS) for each department takes care of preparing Scheme and Syllabus. The same is approved by the Academic Council (AC) of the Institution. There shall be an equal emphasis on theory, practical / laboratory and workshops. Emphasis is also given for Self-study & Experiential Learning.

### 43. Credits System

In the credits system, the course work is unitized and each unit is assigned one credit after a student completes the teaching-learning process as prescribed for the unit and is successful in its assessment.

The course curriculum shall contain Lecture (L), Tutorial (T), Practical/ Laboratory(P) and Credits awarded (C) for the course which are mentioned as (L-T-P) C. Every course in the programme is assigned a certain number of credits according to the following pattern:

- 1- hour Lecture (L) per week per semester = 1 credit
- 2- hours Tutorial (T) per week per semester = 1 credit
- 2-hours Practical/Laboratory/Drawing(P) per week per semester = 1 credit

The (L-T-P)C of a course with 3 hours of theory & 2 hours of tutorials is (3-1-0)4.

The (L-T-P)C of a course with 2 hours of theory & 2 hours of practical is (2-0-1)3.

#### Credits Requirement for B.E. Program

The total number of credits required to be earned by students to qualify for the degree program is given below:

Program	Normal Duration in Years	Total No. of credits to be Earned (Average/ Semester = 22)
B.E. Degree	4 Years	160 Credits
B.E. Degree (Lateral Entry, Students with Diploma)	3 Years	120 Credits*

\*40 Credits for the First Year B.E Programs common to all B.E. Programs.

## 44. Registration

### **Registration:**

A student shall register in person at the beginning of each semester on the prescribed dates as per the norms. The student shall consult the concerned Faculty Advisor/Mentor in choosing the courses to be registered.

### **Late Registration:**

Late registration after the announced registration dates may be permitted only for valid reasons and on payment of a late registration fee. In any case, registration must be completed before the prescribed last date for late registration. These dates shall be mentioned in the academic calendar.

### **Registration in Absentia:**

Registration in absentia may be allowed only in rare cases at the discretion of the Dean -AA, in case of illness or other contingencies.

### **Eligibility for Registration:**

To be eligible to register for a higher semester, the student must have earned the required number of credits and CGPA as stipulated for vertical movement, as per rule given next.

### **Minimum and Maximum Number of Credits:**

A student shall register for a minimum of 16 credits and a maximum of 28 credits in each semester. However, the average number of credits to be registered is recommended to be 22.

## 45. Attendance Requirements

A minimum of 85 percent attendance is compulsory in each course. However, in extra-ordinary circumstances such as illness, participation in University level co-curricular/ extra-curricular activities and participation in other academic activities such as seminars/ workshops/ presentation of papers in conferences, etc. with prior permission, a maximum of 10% attendance may be condoned by the Principal on the specific recommendation by GRC.

A student shall keep track of the attendance status regularly. If a student does not fulfill the minimum requirement of attendance in a course, the student shall be awarded an F Grade in that course and shall repeat the course in its entirety in the subsequent semester whenever the course is offered.

## 46. Dropping and Withdrawal from Courses

**Dropping of courses:** The students are permitted to drop the courses based on their performance in CIE1 in consultation with their faculty mentor on or before the date announced by the college. But they must satisfy minimum number of credits criteria (16 credits). Further, such students are permitted to register for the course, whenever it is offered (if it is a core course) or student can register for same elective/ different elective offered during the subsequent academic semester/year. The dropped course will not be mentioned in the grade card. However, the student has to obtain attendance afresh in change of courses.

**Withdrawal from Courses :** There is no provision for dropping of any of the registered courses under any circumstances. However, a student with poor CIE performance not becoming eligible (NE) in some course(s) can withdraw from such course(s) retaining the minimum credits specified as per rule , before the prescribed date (but not later than two weeks before the commencement of SEE).

- ✦ A student can withdraw a course only if there is no shortage of attendance (<75%) in that course.
- ✦ Accordingly, a student having poor performance in CIE can withdraw from such a course(s). Such a student shall submit a written application to the principal duly signed by the student with complete academic details and recommended by the concerned faculty advisor and the Head of the Department before the stipulated date.
- ✦ The withdrawal of a course is allowed only once at any level, only if the total credits registered are more than 16 in a given semester even after availing such a facility.
- ✦ A student having poor performance in CIE in any of the courses of the program can withdraw from such courses, not restricted by the minimum number of credits specified as per rule, before the prescribed date.
- ✦ In case of withdrawal(s) as above, the student shall be awarded W Grade for such course(s). Such a withdrawal will not affect the SGPA/ CGPA. The student shall re-register for such course(s) either in the in a subsequent semester whenever the course(s) is offered, as per the criteria next.
- ✦ If a student withdraws from a registered course with satisfactory attendance, the student shall earn CIE marks afresh, whenever the course is offered and then appear for the relevant SEE. Under any circumstances, the backlog courses are not permitted to be withdrawn.

# STUDENT ASSESSMENT

The student assessment shall consist of two components in all the theory/ practical courses: **Continuous Internal Evaluation (CIE)** and **Semester End Examination (SEE)**.

All theory and practical courses shall carry 100 marks (CIE+SEE) each (with the audit courses having only the CIE).

## 47. Continuous Internal Evaluation (CIE)

- a) **CIE for theory courses:** The cumulative evaluation of performance shall be for a total of 50 marks. A maximum of 30 marks for tests and 20 marks for activities/Lab shall be allotted (from 2021-22 admitted batch). However, in case of courses which need special provisions, the evaluation scheme approved by the concerned BoS shall be adopted. The scheme of evaluation and the rubrics shall be submitted by the faculty offering the course to the HoD, before commencement of the course. The lesson plan and the scheme of evaluation shall be shared with the students.

In case of Theory/Integrated courses, continuous evaluation has been given more importance in NEP 2020, the minimum marks to be secured in CIE to appear SEE shall be respectively 12 and 8 in tests and activities respectively.

Three tests shall be conducted each for maximum of 20 marks. The total marks secured by students shall be reduced proportionately to 30 marks. A minimum of two activities shall be conducted in each course for 20 marks.

- b) **CIE for practical courses :** CIE consists of performance evaluation in each class and record writing for a total of 40 Marks. Activities relevant to laboratory courses shall be evaluated for 10 Marks. (Total 50 marks).
- c) **CIE for drawing courses :** CIE consists of regular evaluation of drawing sheets for a total of 30 Marks and a minimum of two tests for 20 Marks.(Total 50 marks).
- d) **CIE for mini projects,** internship, industrial training, certification courses/ workshop and Seminars shall be made known to the students at the beginning of the semester.
- e) **Eighth Semester projects** evaluation is to be carried out in three stages: Synopsis evaluation for 10 marks, Mid-term evaluation for 15 marks and Semester end internal evaluation for 25 marks.

Semester End Examination involving external examiner is for 50 marks.

Synopsis evaluation : on or before the end of 2nd week of 8th Semester, approval of the synopsis and evaluation for 10 marks by the concerned Project guide and Project coordinator/HoD to record the marks at the department level.

*Mid-term evaluation* : during the 8th week for 15 marks, to be done by a jury consisting of Project Coordinator, Project Guide, HoD. or his nominee. The official record of marks are to be maintained.

Semester end internal evaluation: to be completed by at least one week before the end of term days for 25 marks. The jury constituted for this purpose has to consist of Project Guide, Project Co-ordinator, HoD. or his nominee and staff members of related specialization. 10 marks in this evaluation shall rest with the Project guide and remaining 15 marks is to be averaged out upon evaluation by the individual members of jury, made upon presentation of the project along with due demonstrations.

Project work demonstration during SEE for 50 marks is to be made compulsorily in case of all the projects as applicable.

- f) Internship** : To be completed & evaluated according to guidelines set by department BoS.
- g) Student have to clear one Swayam** : NPTEL course (4/8/12) week specified by the department between 3rd to 8th semester.

## 48. Semester End Examination (SEE)

SEE shall consist of a written or practical examination conducted at the end of the semester and shall be based on the entire course contents. The mode of SEE and marks assigned shall be made known to the students by the course instructor at the beginning of the semester.

### ***Eligibility to attend SEE :***

The eligibility criteria to attend the SEE in a course are:

- Attendance shall not be less than 85%.
- CIE marks shall not be less than 40% (minimum of 12 marks from tests and 08 marks from activities).

A student not fulfilling one or both of the above criteria in a course shall be assigned “NE” grade and will have to re-register for that course

either during the supplementary semester or any subsequent semesters whenever the course is offered. In case of an elective course, the student may re-register either for the same elective course or choose another elective from the same pool of electives. If student chooses a different course then he has to get his attendance and CIE afresh.

## 49. Passing standards

### **Passing criteria for all types of courses :**

- The minimum passing mark for the CIE is 40% of the maximum marks (20 marks out of 50). Further, 12 marks for CIE tests and 08 marks for Activities/Laboratory component.
- The minimum passing marks for SEE is 35% for both theory and laboratory.
- A student shall be deemed to have passed the theory/laboratory/integrated course, if the student gets minimum of 40% in the sum total of the CIE and SEE taken together.
- In case of Integrated courses, the student will pass the course only if he obtains minimum passing marks both in Theory SEE and Lab SEE. If a student fails in either theory/lab he has to clear the corresponding component only. Grading will be assigned by combining the performance in Theory and Laboratory.

## 50. Grading system

The performance evaluation is carried out separately (i) for each course in terms of letter grades, (ii) for all courses in a semester in terms of SGPA and (iii) for all semesters at a given point of time during the program, in terms of CGPA.

Absolute Grading system on 10-point scale is followed in the evaluation of student's performance in a course.

**LETTER GRADES:** Letter grade is basically a qualitative measure (an alphabet/letter) giving the performance of a student, such as, Outstanding (O), Excellent (A+), Very Good (A), Good (B+), Above Average (B), Average (C), Pass (P) and Fail (F), based on the score.

This is arrived at after the student's performance in a course, which includes both CIE and SEE.

**GRADE POINTS:** Depending on the letter grades assigned, a student earns certain grade points. In the 10-point grading system, that is followed, the grade points earned for different letter grades are mentioned below.

<b>Grade</b>	<b>Grade Points</b>	<b>Marks</b>	<b>Performance</b>
<b>O</b>	10.0	90 – 100	Outstanding
<b>A+</b>	9.0	80 – 89	Excellent
<b>A</b>	8.0	70 – 79	Very Good
<b>B+</b>	7.0	60 – 69	Good
<b>B</b>	6.0	55 – 59	Above Average
<b>C</b>	5.0	50-54	Average
<b>P</b>	4.0	40-49	Pass
<b>F</b>	0	00 – 39	Fail
<b>I</b>	-	-	Incomplete
<b>W</b>	-	-	Withdrawal
<b>X</b>	-	-	Transitional
<b>PP</b>	-	-	Satisfactory (for Audited Courses)
<b>NP</b>	-	-	Not satisfactory (for Audited Courses)
<b>DX</b>	-	-	Shortage of attendance
<b>NE</b>	-	-	CIE not eligible

**Grade F:** Awarded to a student in a given course who:

- (i) fails to get the minimum of 40% marks in CIE (Both in Theory and activity/Lab)
- (ii) fails to get 35% marks in SEE
- (iii) fails to get overall (CIE+SEE) 40%
- (iv) fails or does not register for the expected courses in the immediate make-up SEE
- (v) does not attend SEE without justifiable reasons or make-up SEE. All the I and X grades are deemed to be F grade, if a student fails in such course(s) in the immediate make up SEE or does not attend the makeup SEE at all.

**Grade I:** Awarded to a student having satisfactory attendance and meeting passing requirements in CIE, but remains absent

from SEE for reasons acceptable to the GRC, like illness or accident which disable the student from attending the SEE, a calamity in the family at the time of SEE which requires the student to be away from the college.

**Grade W :** Awarded to a student who withdraws from a course before the prescribed date. Such students should have satisfied minimum attendance criterion. The total number of courses that can be withdrawn is subjected to minimum credits per semester criterion.

**Grade X :** Awarded to a student having high CIE rating (  $\geq 90\%$ , i.e. total CIE marks is  $\geq 45$ ) in a course, but SEE performance is observed to be poor, which could result in an overall 'F' grade in the course. This is not applicable for backlog courses.

**Grade PP :** Awarded to a student who satisfies the attendance and other class room requirements of mandatory audit courses.

**Grade NP :** This is awarded to a student who does not satisfy attendance and other class room requirements of mandatory audit courses. In such cases, the student should earn Y grade by re-registering for the course.

**Note :** *I, W and X are transitional grades awarded. They shall be converted into one of the letter grades O to F student completes the course requirements.*

The SGPA and CGPA are calculated as per the following formula (VTU guidelines) :

$$\text{SGPA} = \frac{\sum [( \text{Course Credits} ) \times ( \text{Grade points} )] \text{ for all courses in that semester excluding transitional and F grades}}{\sum [( \text{Course Credits} )] \text{ for all courses in that semester excluding F and transitional and F grades}}$$

$$\text{CGPA} = \frac{\sum [( \text{Course Credits} ) \times ( \text{Grade points} )] \text{ for all courses excluding those with F and transitional grades until that semester}}{\sum [( \text{Course Credits} )] \text{ for all courses excluding those with F and transitional grades until that semester}}$$

## 51. Paper seeing and Revaluation

### Paper Seeing Facility :

Paper seeing facility is provided, before the announcement of the final results of SEE or Make-Up Examinations Guidelines for Paper seeing :

- ✦ Students can attend and write the grievances in the prescribed format during the paper seeing only for the questions which are not valued in the answer scripts.
- ✦ Scheme of solutions will be provided.
- ✦ Students can go for revaluation with a nominal fee if any discrepancy in the valuation after the paper seeing.
- ✦ Student's should bring the college identity card, admission ticket and question papers are compulsory for paper seeing.
- ✦ The students are strictly informed not to bring any Mobile phone, calculator, paper, pen, pencil, eraser etc. to the paper seeing venue.
- ✦ The student will not be allowed to enter the paper seeing venue after ten minutes of prescribed time.
- ✦ Students should report for all the courses 5 minutes before commencement paper seeing
- ✦ Student should not reveal any identity in the answer scripts during paper seeing, if reveal any identity will be treated as malpractice case.

### Revaluation:

A student with grievance(s) after paper seeing can apply for Revaluation with a prescribed fee within two days from the announcement of paper seeing results. The Dean (Exams) shall arrange for a Revaluation by a subject expert(s). The rules of revaluation applicable for award of marks are as under : If the decrease in the revaluation marks is by any margin, then the original marks corresponding to the first evaluation marks is awarded to the student.

- i. If the increase in the revaluation marks is less than or equal to fifteen, then the valuation marks corresponding to the revaluation marks is awarded to the student.
- ii. If the increase in the revaluation marks is more than fifteen, then the answer script will be sent for third valuation and the average of the best two marks shall be awarded.

**Refund of Revaluation Fee :** In case of an improvement in marks after revaluation is greater than 15 the refund of the revaluation fee is made as per college norms (against an application). This is not just based on the change of grade.

## 52. Make up Examination

A student with I or X grade may take a make-up examination which will be held as per the dates notified (normally within 10 days after the announcement of the SEE results). The grade 'X' is awarded to a student having high CIE rating ( $\geq 90\%$ , i.e. total CIE marks is  $\geq 45$ ) in a course, but SEE performance is observed to be poor, which could result in an overall 'F' grade in the course. I Grade is Awarded to a student having satisfactory attendance meeting passing requirements in CIE but remains absent from SEE for reasons acceptable to GRC, Like Illness/ accident, A calamity in the family at the time of SEE which requires the student to be away from the college.

### The Schedule of examination

The Controller of Examinations will announce the Time Table for all Examinations

ACADEMIC YEAR				
ODD Semester		EVEN Semester		Supplementary Semester once in TWO YEARS
SEE	Makeup Exam	SEE	Makeup Exam	

## 53. Registration of Failed Courses

A student who has taken SEE and has obtained F grade (failed) may register for those course(s) whenever the course(s) is/are offered (with the new syllabus if revised). In case of courses not offered, an equivalent course decided by the corresponding department BoS meeting to be registered.

- The students who have satisfied both CIE and attendance requirements for the courses and obtained F grade in SEE are permitted to register for such courses when offered next. They

shall take in this examination is repeated as backlog course without writing CIE again. In case, student wishes to improve CIE marks, he must write CIEs.

- b) The students who have not satisfied both attendance and CIE requirements for the courses, are permitted to register for such courses when offered next. And they must attain both required attendance & CIE marks to take SEE examination.
- c) The students who have attendance but do not have required CIE marks for the courses, are permitted to register for such courses when offered next. And they must earn the required CIE marks to take SEE examination.

## 54. Supplementary Semester

SUPPLEMENTARY SEMESTER gives additional chance for students to take courses and its examination. The duration of this is eight weeks. This is offered after 4th semester for courses from 1st to 4th semester and after 8th semester for courses from 5th to 8th semester. A student is permitted to register for a maximum of 16 credits in Supplementary/ fast track semester. A student has to choose those courses which are offered by the institution in a given supplementary Semester. In the supplementary semester, each course needs to be offered for required number of lecturers/tutorial/laboratory hours as prescribed in the syllabus. Supplementary Semester is optional; it is for the student to make best use of the opportunity. Supplementary is a special semester and the student cannot demand it as a matter of right. All courses may not be offered in the Supplementary semester. It is the discretions of the college to offer the courses based on the availability of resources. The institutes shall notify time table for Supplementary semester well in advances.

- ✦ The students who have satisfied CIE Attendance requirements for the course/s and obtained F grade in SEE are permitted to appear directly in ensuing examination/s are backlog paper/s. The student need not re-register for such course/s in the supplementary/fast track semester. In case the student wishes to improve CIE/he/she

has to re-register for supplementary/fast track semester as and when offered next.

- ✦ The student who obtains required attendance and CIE in supplementary semester, but obtains 'F' grade in SEE. is permitted appear for SEE subsequently as backlog course/s. The students need not repeat course for Attendance and CIE.
- ✦ The Course/s for which the student does not possess satisfactory attendance and CIE score, shall be marked as NE in the Grade sheet. Such students are not permitted for SEE for the Courses marked as NE in Grade sheet. The students have to re-register only for course/s marked as NE in supplementary/subsequent semester whenever that course is offered semester and obtain the required CIE and attendance, Subsequently, they are eligible to appear for SIE in such course/s.
- ✦ Courses with Transitional Grades Via "W", "I", and "X" are also eligible to register in supplementary semester.

## 55. Vertical Progression

**Vertical Progression** (as per VTU)

**Student admitted to First year :**

- a) Students have to earn 24 credits out of 40 credits in the first year to move to 3rd semester.
- b) The students who fail to satisfy CIE and attendance requirement shall repeat the courses whenever offered next and become eligible for the 2nd year.
  - Note: Students who have failed to obtain minimum attendance criteria in any course is awarded with DX grade.
  - Students who have failed to obtain minimum CIE are awarded with NE grade.
  - Students who have failed to obtain minimum SEE are awarded with "F" grade.

- c) A student may be given admission to 4th year provided the student passes all courses in 1st and 2nd semester including audit courses. student has to clear first year courses to move to VII semester

**Diploma Student admitted to Second year (Lateral Entry) :**

- a) The mandatory non-credit courses additional mathematics I and II prescribed at III and IV semesters respectively to lateral entry diploma holder admitted to III semester of B.E/B.Tech, programmes shall attend the classes during the respective semester to satisfy attendance and CIE requirements.
- b) Completion of additional mathematics I and II shall be mandatory for the award of degree.

## **56. Grade Card and Transcript**

The grade-card of a semester will be issued only after a candidate successfully completes all the courses of that semester. In other words, only one grade-card per semester will be issued irrespective of the attempts taken by a student. However, the date and Year of passing and number of attempts for each course will be shown in the grade-card in respect.

In case of mandatory audit courses, the grades shall be either PP (Satisfactory) or NP (Not Satisfactory).

Only courses with credits will be included in the computation of CGPA & SGPA. Audit courses and mandatory non-credit courses shall not be considered in the computation.

**Duplicate Grade Cards :** Provision for the issue of duplicate Grade Card(s) to a student - the candidate has to register a complaint at the police station in connection with the loss of Grade Card with all particulars. Further, the candidate has to submit an affidavit duly prepared by the Notary in the following format

---

### **AFFIDAVIT**

I \_\_\_\_\_ aged about \_\_\_\_\_ years, S/o / D/o \_\_\_\_\_ residing at \_\_\_\_\_, do here by solemnly affirm and state an oath: I say that, I am the deponent herein. I say that, I have completed my \_\_\_\_\_ semesters B.E. Course in the academic years \_\_\_\_\_ to \_\_\_\_\_ at Malnad College of Engineering, Hassan.

I say that, my above said semester original Grade card was lost/ misplaced due to my inadvertence. I say that, in spite of diligent search I am unable to trace the original of the aforesaid Grade card and hence they are taken as lost, and if traced out, I will produce them before the above said college. I say that, this affidavit is required for the purpose of obtaining duplicate grade card of the above said semester/s. I do swear in the name of God that, this is my name and signature and all the contents of this affidavit are true and correct to the best of my knowledge, information and belief.

Identified by me,

Despondent

Date :

Place:

---

The candidate has to submit the request to the DEAN (EXAMS) section in the above prescribed format. The fee of Rs. 500/- per grade card (Rupees five hundred only) towards supply of the duplicate grade card and office charges is to be paid through bank challan (pink) to comply with the procedures. Further, Rs. 250/- has to be paid by the candidate through online mode in SB Collect each of the Grade Card to be printed in addition to the above. Such grade cards will be printed with a water mark "Duplicate Grade Card" in the background.

**Transcript :** Transcript/s will be issued to all the eligible students at the end of eighth semester. However, partial transcripts will also be issued to the students (those who aspire for higher studies) at the end of sixth semester, on request. The students have to apply for the transcripts by paying the prescribed fee of Rs. 500/-for the first copy and Rs. 300/- per subsequent copy. The transcripts will be presented to all the graduands of B.E. (AUTONOMUS) program during the graduation day.

### **Percentage equivalence of the Grade Points :**

To provide equivalence of the CGPA with the percentage and / or class awarded as in the conventional system of declaring the result of university examinations. Formula for converting CGPA into Percentage of marks : Percentage % of marks CGPA x 10.

Grade Point range	Class
$\geq 7$	FCD
$6 \geq M < 7$	FC
$5 \geq M < 6$	SC

## **57. Change of Branch**

- A student is eligible for the change of branch at the start of third semester strictly as per the existing rules of the AICTE, Government of Karnataka, Director of Technical Education and the University.
- A student applying for change of branch must have completed all the common credits of the first two semesters and apply in a prescribed format when notified.
- The change of branch, if made, shall be according to the merit of the applicants.

## 58. Maximum duration to complete Degree

All students shall complete the B.E. program within twice the academic years of study remaining, i.e.,

*If rejoined, maximum period of study allowed*

First year (I sem)	8 years
Second year (III sem)	6 years
Third year (V sem)	4 years
Fourth year (VII sem)	2 years

## 59. Successive Failure of a Course

If a student fails to pass a course even after FOUR attempts, that course is deemed to be exempted for him. The student may choose an alternative course of his choice with the same number of credits from the pool of courses suggested by concerned Board of studies. The course so selected should not have been studied by the student or to be studied in higher semesters. This provision is given only for TWO courses (one at a time) during the entire maximum duration of the Programme.

## 60. Transfer from Non-autonomous Institute

A Student who wants admission to the autonomous program from a non- autonomous program, shall submit the previous marks card(s) and transcript obtained till date from VTU to the office of Dean-Exams/ EC for the purpose of exam marks to equivalent grade conversion.

## 61. Leave of Absence and Temporary Withdrawal

- ✦ If the period of leave is more than two days and less than two weeks, prior application for leave shall be submitted to the concerned HOD with the recommendation of the Faculty Mentor stating the reasons for the leave along with the supporting documents. In any case, a student shall have a minimum of 75% attendance in each course.

- ✦ If the period of leave is two weeks or more, prior application for leave shall be made to the Dean (AA) with the recommendations of the Faculty Mentor and the concerned HOD stating the reasons for the leave along with the supporting documents. The Dean (AA) may, on receipt of such application, grant leave or advise the student to withdraw from the course. In any case student shall have 75% attendance to become eligible.
- ✦ It will be the responsibility of the student seeking leave to intimate the course faculty, the HOD and others concerned regarding his absence before availing leave.
- ✦ A student may be permitted to withdraw temporarily on the grounds like illness, grave calamity in the family or any other serious happening. The withdrawal may be for periods which are integral multiples of a semester provided that:
  - (a) The student applies to the AC through Dean (AA) within 6 weeks of the commencement of the semester or from the date the student last attended the classes, whichever is later, stating fully the reasons for such withdrawal together with the supporting documents and endorsement from the student's parent/guardian.
  - (b) Even by taking into account the expected period of withdrawal, the student has the possibility to complete the total number of credits for the degree programme within the specified time limit.
  - (c) The student does not have any dues or demands towards the college including tuition and other fees as well as library/department materials.
  - (d) A student availing of temporary withdrawal from the college under the above provision shall pay such fees and/or charges as fixed by the college until such time the student's name appears on the roll list. However, the fees/charges once paid would not be refunded.
  - (e) A student may avail of the temporary withdrawal facility only once during the degree programme. However, in exceptional cases as decided by the Dean (AA) a student can avail of this provision one more time.

## 62. Graduation Requirements and Graduation Day

**Degree Requirements** A student must have earned a minimum of 160 (120 in case of Lateral entry Diploma students) credits as per the prescribed curriculum, within a maximum duration of 8 years (6 in case of lateral entry Diploma students) from date of registration for the programme. A student must also have a minimum CGPA of 5.0 at the end of the programme and earn 100 activity points.

**Eligibility** A student shall be eligible for the award of the degree if:

- a. The student has fulfilled all the requirements of the degree.
- b. The student must earn 100 AICTE activity points
- c. No dues are payable by the student to the institute, departments, hostel, library, sports and/ or any other centers.
- d. No disciplinary proceeding is pending against the student.

### **Procedure for the award of degree**

A student shall apply for the award of the degree in a prescribed format along with the prescribed No-Dues Certificate to the respective department. The Internal BOS/Department Academic Committee (DAC) shall verify the same and send recommendations to the Academic Council.

The Academic Council shall prepare the list of eligible students for the award of degree and submit the same to the University for Approval.

After approval by the University, degrees will be awarded to the students in a Graduation Ceremony.

Degree will be awarded in absentia to a student who is unable to attend the Graduation Ceremony.

A student is required to apply for the award of degree in the Graduation Ceremony or in absentia along with the prescribed fee.

A student can apply for Provisional Degree Certificate (PDC) issued by the College before the Graduation Ceremony by paying a prescribed fee.

**Class Declaration :** The Class declaration will be made to every student as per VTU norms, in the respective Provisional Degree Certificate only. It will also be mentioned in the final Degree Certificate by VTU.

**Graduation Day:** The graduation Day for each academic year will usually be held during the last week of July. It will be made known to the graduands before the end of the term days of that particular batch.

**Issue of PDC & Transcripts:** On the Graduation Day, the PDC and Transcript will be issued to all the students who have become eligible for the award of the BE Degree. All those students who would become eligible for the award of the BE Degree by any later date have to wait for issue of PDC and Transcript till the next Graduation Day.

### **63. Permanent Withdrawal of Admission**

A student who withdraws admission before the closing date of admission for the Academic Session is eligible for refund of the deposits and fees as per the norms. Once the admission for the year is closed, the following conditions govern withdrawal of admission:

- (a) A student, who wants to leave the Institute for good, shall be permitted to do so. The transfer certificate shall be forwarded to the college to which student has obtained offer of admission.
- (b) The decision of the Principal regarding all aspects of withdrawal of a student shall be final and binding.

### **64. Termination from The Academic Programme**

A student shall be terminated from academic program and shall leave the College in the following circumstances :

- ✦ If the student fails to satisfy all the requirements for the award of the degree stipulated in (pg. 66 - Degree requirements).
- ✦ If the student is absent for more than 6 weeks at a stretch in a semester without sanctioned leave.
- ✦ Failure to meet the standards of discipline prescribed by the College, which may change from time to time.

## **65. Amendments and Jurisdiction**

- a. The rules and regulations listed herein govern the imparting of instructions, conduct of examinations and evaluation of performance leading to the award of the Bachelor of Engineering degree.
- b. The regulations listed herein shall be binding on all students enrolled for the Bachelor of Engineering degree.
- c. The regulations listed herein may be amended, updated, changed by the Academic Council from time to time and shall be binding on all parties concerned including students, faculty, staff, departments and college authorities.
- d. All disputes arising from the regulations listed herein must be addressed to the Academic Council. The decision of the Academic Council is final and binding on all parties. Any legal issues arising from this set of regulations shall be limited to the legal jurisdiction determined by the location of the College and not that of any other parties.

# DISCIPLINARY RULES AND MEASURES

## 66. Conduct and Discipline

Students shall conduct themselves within and outside the premises of the college in a befitting manner.

As per the order of Honorable Supreme Court of India, Ragging in any form is considered as a criminal and culpable offence and is banned. Any form of ragging will be severely dealt with.

The following acts of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures:

- i. Ragging
- ii. Lack of courtesy and decorum; indecent behavior anywhere within or outside the campus
- iii. Indecent dressing within the campus.
- iv. Willful damage or stealthy removal of any property/ belongings of the college/ Hostel or of fellow students/ citizens.
- v. Possession, consumption or distribution of alcoholic drinks or any kind of narcotics or hallucinogenic drugs.
- vi. Mutilation or unauthorized possession of library books.
- vii. Noisy and unseemly behavior disturbing studies of fellow students.
- viii. Possession/ distribution of pornographic contents through DVDs/ CDs/ Videos/ Photographs/ Internet, etc.
- ix. Possession/ distribution of terrorism literature through DVDs/ CDs/ Videos/ Photographs/ Internet, etc.
- x. Hacking in computer systems (such as entering into other person's area without prior permission, manipulation and/or damage of computer hardware and software or any other cyber-crime etc.).
- xi. Plagiarism of any nature.
- xii. Not adhering to the college Dress Code.
- xiii. Any other act of gross indiscipline as decided by the Dean (AA) from time to time.
- xiv. Possession of cell phones on campus (as per VTU, our affiliating university norms).

- xv. Not wearing Identity cards while on campus.
- xvi. Sexual harassment, indecent/ vulgar reference of any nature.
- xvii. Any writing on the walls, boards, or desks.

Commensurate with the gravity of offence, the punishment the CDC will deny it may be: reprimand, imposition of fine, expulsion from the Hostel, debarment from the examination, disallowing the use of certain facilities of the college, suspension for a specified period or even outright expulsion from the college, or even handing over the case to appropriate law enforcement authorities or the judiciary, as required by the circumstances.

For an offence committed in (i) Hostel, (ii) a department or in a class room and (iii) elsewhere, the Warden, the HOD and Dean (SA) respectively shall have the authority to reprimand and report to the Principal for suitable action.

Dean (Exams) shall take appropriate action in case of adoption of unfair means and/ or any malpractice in any examination.

All cases of serious offence, possibly requiring punishment other than Reprimand/ fine shall be reported to the Principal.

The college level Standing CDC constituted by the Principal shall be the authority to investigate the details of the offence and recommend disciplinary action based on the nature and extent of the offence committed.

## 67. Disciplinary Rules

**The rules of decorum and discipline to be observed by all the students of the institution are as under :**

- ✦ They should attend the classes regularly.
- ✦ They should be punctual to the classes.
- ✦ They should take all the assignments and tests seriously.
- ✦ They should not meddle with the equipment and tools in the laboratories and workshops without the permission of the staff member(s) in-charge. They will be responsible for the damage caused due to negligence and will have to pay for their replacement.
- ✦ They should maintain silence in the Classrooms, Laboratories, Library, Drawing halls, and Workshops.
- ✦ Use of mobile phones in the institute premises is strictly prohibited. This is also a strict guideline issued from VTU.

- ✦ They should not affix any notice or remove any office notice from the office or other notice Boards, without the prior permission from the concerned.
- ✦ They should not indulge in strikes/ picketing/mass bunks of classes/ etc. of any form, and they should not cause any damage to the property of the institute.
- ✦ They should not be found guilty of causing undue disturbances of any form, in the campus, for the classes/ examinations, etc.
- ✦ Smoking, Consumption of alcoholic beverages and Drugs are strictly forbidden.
- ✦ They must park their vehicles properly, in the demarked area, avoiding disturbance to the classes.
- ✦ They must not go on tours of any type without the permission of the authorities and also without an accompanying faculty.
- ✦ Ragging in any form is strictly prohibited. Serious action will be taken on the offenders.
- ✦ They should not indulge in any activity, anywhere, that spoils the prestige of the institute.

## **68. AICTE Guidelines for Prevention and Prohibition of Ragging in Technical Institutions**

The Raghavan Committee constituted by the Honorable Supreme Court has mentioned the following types of ragging:

- ✦ Ragging has several aspects with psychological, social, political, economic, cultural, and academic dimensions.
- ✦ Any act that prevents, disrupts or disturbs the regular academic activity of a student should be considered to be within the academics related aspects of ragging. Similarly, exploiting the services of a junior student for completing the academic tasks assigned to an individual or a group of seniors is also an aspect of academics related ragging prevalent in many technical institutions.
- ✦ Any act of financial extortion or forceful expenditure burden put on junior student by seniors should be considered as an aspect of ragging for economic dimensions.

- ✦ Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestured, causing bodily harm or any other danger to health or person can be put in the category of ragging with criminal dimensions.
- ✦ Any act or abuse by spoken words, emails, snail-mail, blogs, public insults should be considered to be within the psychological aspects or ragging. This would also include deriving perverted pleasure, sadistic thrill from actively or passively participating in discomfiture to others, absence of preparing 'fresher's in the run up to their admission to higher education and life in hostel and this can be ascribed as a psychological aspect of ragging. Any act that affects the mental health and self-confidence of students also can be described in terms of the psychological aspects of ragging.
- ✦ The human rights perspective of ragging involves the injury caused to the fundamental right to human dignity through humiliation heaped on junior students by seniors; often resulting in the extreme step of suicide by the victims.
- ✦ Actions against students for indulging and abetting in Ragging in technical institutions, Universities including Deemed to be University imparting technical education.
- ✦ The punishment to be meted out to the persons indulged in ragging has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents. The students who are found to be indulged in ragging should be debarred from taking admission in any technical institution in India.
- ✦ For every single incident of ragging, a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities.
- ✦ Depending upon the nature and gravity of the offence as established by the Anti-Ragging Committee of the institution, the possible punishments for those found guilty of ragging at the institution level shall be one or any combination of the following:-
  - o Cancellation of admission
  - o Suspension from attending classes

- o Withholding / withdrawing scholarship / fellowship and other benefits.
  - o Debarring from appearing in any test / examination or other evaluation processes
  - o Withholding results
  - o Debarring from representing the institution in any regional, national/ international meet, tournament, youth festival, etc.
  - o Suspension /expulsion from the hostel
  - o Rustication from the institution for period ranging from 1 to 4 semesters
  - o Expulsion from the institution and consequent debarring from admission to any other institution.
  - o Fine of Rupees 25,000/-
  - o Collective punishment: when the persons committing or abetting the crime/ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potentialraggers.
- ✦ The institutional authority shall intimate the incidents of ragging occurred in their premises along with action taken to the Council and immediately after occurrence of such incident and inform the status of the case from time to time.

## **69. AICTE Mandatory Committees**

### **a) Special Grievance Redressal Committee (SGRC)**

As per the AICTE Regulations- Mechanism for Grievance Redressal Act – 2012, a Special Grievance Redressal Committee (SGRC) has been set up at the institution with the Ombudsman appointed by VTU for Redressal of Grievances (including ragging) of students of the Institution.

Receive online/written requests/complaints from students/ parents/ faculty/staff regarding any kind of grievances on academic matters, unfair evaluation process, attendance, discrimination, harassment, victimization, library facilities, sports facilities, student amenities, canteen facilities etc. Students, Parents, Faculty members and Non-teaching staff can register

them self in the portal [https:// mcehassan. edugrievance.com](https://mcehassan.edugrievance.com) and submit their grievances. The committee will deliberate and suggest appropriate remedies in the genuine cases .

## **b) College Internal Complaints Committee (CICC)**

The committee is formed by the Principal in accordance with the guidelines specified by AICTE and VTU, Belagavi.

### ***The objectives, roles and responsibilities :***

- ✦ Prevent discrimination and sexual harassment, by promoting gender harmony among students and employees.
- ✦ Make recommendations to the management for changes/ elaborations in the rules to lay down procedures for the prohibition, resolution, settlement and prosecution of acts of discrimination and sexual harassment against women students and employees.
- ✦ Deal with cases of discrimination and sexual harassment against women, in a time bound manner, aiming at ensuring support services to the victims and termination of the guilty party.
- ✦ Recommend appropriate punitive action against the guilty party to the Management.

The Committee shall meet as often as may be needed and appropriate. However, the frequency of meeting is once in a year and as and when necessary.

## College Internal Complaints Committee Members Year 2023-24

Sl. No.	Name	Designation and Affiliation	Contact No. Email-ids	Gender
<b>Chairman</b>				
1	Dr. Indra Bahaddur	Asst. Professor , Dept. of E & C Engg	Mob:973179373 OFF: 08172 245317 brs@mcehassan.ac.in	F
<b>Members</b>				
2	Dr. P.C. Srikanth,	Professor, Dept. of E & C Engg.	Mob: 7899064712 OFF: 08172-245317 pcs@mcehassan.ac.in	M
3	Smt. Margaret R.E.	Asst.Professor &Head,Dept. of MCA	Mob: 9448006138 OFF:08172-245317 rem@mcehassan.ac.in	F
4	Smt. C.D.Parvathamma	Registrar	Mob : 9611626284 OFF:08172-245093 cdpmce@gmail.com	F
5	Smt. M.N. Radhamma	Helper , Dept. of Civil Engg. (Non-teaching staff)	Mob: 8970718942 OFF:08172-245538	F
6	Ms. Poornima P, Research Scholar (PhD)	Student	Mob: 9844964419 OFF:08172-245317 poornimaputtegowda81@gmail.com	F
7	Ms.Hampana D (M.Tech)	Student	Mob: 9113008505 OFF:08172-245317 hampanad1@gmail.com	F
8	Ms.Adiba Khan (UG)	Student	Mob: 9591164414 OFF:08172-245317 adibakhankhan10@gmail.com	F
<b>Member from the NGO</b>				
9	Smt. K.T. Jayashree	President, Ananya Trust	Mob : 9632065044 ktj.shree@gmail.com	F
<b>Legal Advisor</b>				
10	Sri. Chandrahas	Asst. Professor, Sri Krishna Law College,Hassan	Mob: 9036422546	M

## **70.Guidelines for Recommending Penalties and Punishments to The Students Involved in Malpractice Committed During the Autonomous Examinations.**

<b>Sl. No.</b>	<b>Nature of Malpractice</b>	<b>Penalty to be imposed / punishment</b>
1	Revealing the identity of the candidate	To be awarded 'F' grade for the course in which the candidate has revealed his/her identity. Penal fee as per VTU norms / As decided by MCE.
2	a. Possession of Manuscript / Printed or Typed Matter, Books or Notes and Written Matter on Calculator, Instrument Box etc.,or having any other Written Matter on the person (For example Palm, Hands, Legs, Clothes, Socks etc.)	To be awarded 'F' grade for the course and deny Makeup examination benefit for the course. Penal fee as per VTU norms / As decided by MCE.
	b. Possession of Mobile / tablet/ any electronic gadget, which can aid the candidate to write answer in examination in both theory and practical.	To be awarded 'F' grade for the course and deny Makeup examination benefit for the course. Penal fee as per VTU norms / As decided by MCE.
3	Detection of identical answers in the answer scripts of different candidates or allowing a candidate to copy from his/her answer script	To be awarded 'F' grade for the course and deny Makeup examination benefit for the course. Penal fee as per VTU norms / As decided by MCE.
4	Appeal to the examiner with money as enclosures to the answer book / use of abusive obscene language or threatening remarks in the answerbook	To be awarded 'F' grade for the course and deny Makeup examination benefit for the course. Penal fee as per VTU norms / As decided by MCE.

<b>Sl. No.</b>	<b>Nature of Malpractice</b>	<b>Penalty to be imposed / punishment</b>
5	Found giving or receiving assistance at the examination, passing the questions paper with Written Answer / formulae / Answer Script/ additional sheet / Graph sheet /Drawing sheet for purpose of copying	To be awarded 'F' grade for the course. Penal fee as per VTU norms / As decided by MCE.
6	Destroying the documentary evidence	To be awarded 'F' grade for the course. Penal fee as per VTU norms / As decided by MCE.
7	Insertion of Additional Sheets / Graph Sheets / Drawing Sheets, use of Answer Book which is not issued at the Examination Hall.	To deny the benefit of performance of examinations of all the course for which the candidate has appeared in that examinations
8	In case of impression or found guilty of deliberate prior arrangements to cheat in the examination	To deny the benefit of performance of the examination of all subjects for which the candidate who has appeared and who has arranged another person to impersonate (both attended and to be attended of the particular examination conducted including arrear examinations to both the candidates) & debar him/her for a minimum of two examinations. (for the person who has impersonated, the punishment shall extend up to reprimanding)
9	Abusing, Threatening, Manhandling the Examination Authorities at the examination hall or in the premises of the examination centre, as well as misconduct of a very serious nature.	To deny the benefit of performance of the examination of all subjects/ courses for which the candidate has (both attended and to be attended of the particular examination conducted including arrear examinations) & debar him/her for a further number of chances extending up to two more examinations depending on the degree of misconduct

Sl. No.	Nature of Malpractice	Penalty to be imposed / punishment
<b>(Nature of malpractice mentioned from 1 to 9 shall be applicable to both theory and practical examination)</b>		
10	Any other Malpractices connected with the autonomous examination (by any unusual means) other than the above mentioned.	Committee can recommend suitable penalties & punishment
	<p>The chief superintendent shall allow the candidate to write all subsequent examinations and send the answer books to the office of the Dean (Examinations) following day. In special circumstances like impersonation case, both the students involved are <b>not allowed to write examination of any courses of that semester. Such candidates are permitted to register to any courses subsequently as per the decision of MEC.</b></p>	
	<p>a. The examiner shall, if he / she suspects malpractice while valuing the answer scripts or other material such as insertion of answer sheets, revealing of identity or enclosures, such as currency, shall return the answer with reasons in writing to the Dean (Examinations) MCE, Hassan. If already valued, marks shall not be entered in the regular marks lists in which the marks awarded to the other candidates are furnished but enter them in a separate list which shall be enclosed in a sealed cover and forwarded to the Dean (Examinations) MCE, Hassan</p> <p>b. The examination hall supervisor or squad appointed for the purpose shall report the malpractice, if any to the chief superintendent / principal through examination sections officials immediately (in both theory and practical examinations). Further documentation and pertaining procedures to be followed as per the VTU / MCE autonomous norms .</p> <p>The decision pertaining to above penalties and punishments of the candidate may be communicated to all the concerned. If the student and or student fail to attend the MEC meeting on the stipulated day, they shall abide by the decision taken by the committee.</p>	
	Enquiry under Malpractice Cases Consideration Committee is independent of the criminal proceedings if any in the appropriate court of law	

### **Duties and responsibilities of MEC**

1. Malpractice committee shall conduct an enquiry, verify the document at the time of booking MPC and decide the degree of punishment in the presence of committee members as per the guidelines.
2. MEC shall decide the penal fee looking in to gravity and nature of malpractice considering VTU norms as guidelines / As decided by the MEC.
3. The candidate is issued with a warning that repetition of such acts (1 to 6) in any examination during the programme will end in severe punishments like debar from examination for minimum of one year or more.
4. Documentation regarding presence of MPC candidate and parents for the meeting, undertaking from the candidate shall be made.
5. MEC authorizes Documentation of the meeting proceedings to Dean (examinations) in consultation with Principal and Dean (A.A).

# VALUE ADDED COURSES & SERVICES

## 71. B.E. (Minors)

An academic Minor degree is a secondary declared academic discipline or field of study for the undergraduate degree. A minor degree refers to a supplemental second discipline of study and concentration that often complements the major. CGPA 5.0 has to be maintained in subsequent semester without any backlog to continue minor degree. To get the Minor degree student needs to earn additional 18 courses by taking online courses as published by the college. The minor degree provides the chance to students to pursue additional courses of personal interest/passion. By completing minor degrees, students gain specific specialization and make themselves more competitive employers.

## 72.B.E. (Honors)

Honours degree is an undergraduate degree that is intended to be of higher standard than a regular Bachelor's degree. This shows a high level of academic achievement. It is offered by a department to its own students with CGPA not less than 8.0 and no "F" grade from third semester onwards. The student shall earn additional 18 credits (in addition to 160 credits for the Degree Programme enrolled) through online courses approved by the Institute in a particular specialization of the same Degree Programme.

## 73.Scholarship Facility

The college facilitates government, private and other instituted scholarships.

Govt. Scholarship		Others Scholarship	
1	Labour Scholarship	1	Dr Shamanur Shivashankrappa Scholarship
2	Social Welfare Scholarship	2	Sitaram Jindal Scholarship
3	Backward Classes Welfare Scholarship	3	City Municipalty Scholarship
4	Department of Technical Education Free Concession	4	Dharmastala Gramabiruddi Scholarship

5	Karnataka State Brahmin Development Scholarship	5	SBI Bank (Employees) Scholarship
6	Disability Welfare Scholarship	6	LIC (Employees) Scholarship
7	Minorities Scholarship	7	Teacher (Employees) Scholarship
8	Agriculture Scholarship	8	K.S.R.T.C ( Employees) Scholarship
9	Defence Scholarship	9	Rotary Bangalore South – SUVIDYABHIVRUDDHI Scholarship
10	M.H.R.D Scholarship	10	Mercedes - Benz Scholarship
11	Prathiba purashakar Scholarship		
12	Kittur Rani Scholarship		
13	PMSSS Scholarship (Central Govt)		
14	Pragathi Saksham Scholarship for girls only		
<b>College Alumni Scholarship</b>			
1	1979-84 NSS Last Batch Scholarship Group - D of MCE	14	Mr. K.M.K. Sharma 1984 Batch
2	M. Foundation Scholarship Group - D Employees only of MCE	15	Dr. H. Ananthan Scholarship

3	M. Foundation Scholarship (Students)	16	Mr. K.M.K. Sharma 1984 Batch
4	M. Foundation Best outgoing students award Scholarship	17	Mr.Dinakar A Scholarship
5	Shri. Abdul Gaffar Shariff Scholarship (for UG)	18	Mr. B.V. Vijaya Scholarship
6	1981 NSS Batch Scholarship	19	Mr. B.C. Ashwath Narayan Belavadi Scholarship
7	1968 Batch Library Fund	20	Sarandeep Singh Memorial Scholarship
8	Mythree - 83 Best Academic performer Award Scholarship	21	K.R. Venkateshamurthy M.K. Kalavathi Corpus Scholarship Fund
9	P.S. Ramesh Scholarship	22	Sri. N Gurudutt Scholarship
10	E&C Dept. Scholarship	23	B.K. Seetharamiah Memorial Award Scholarship
11	MTES Gold Medals	24	Sri. B. Prakashkumar Scholarship
12	Best outgoing student MTES Scholarship	25	Smt. Gowramma Thammaiah Shetty Cash award
13	Gold Medal Instituted by GRASIM Industries for the highest scorer of concrete Technology.	26	Sri. Ravi Bale Scholarship

## 74. Library and Information Centre

**The college library has a large collection of books with** Total number of 20713 Titles and 96780 number of Volumes. It also houses a digital library.

### Working Hours

**Issue section:** 10.00 am to 5.30 pm

**Reference Section:** Morning 8.00 am to 8.00 pm

Saturday 8.00 am to 5.30 pm

### Online Access Details

<b>Sl No</b>	<b>Journal Publisher</b>	<b>URL</b>	<b>No. of Journals</b>
1	Elsevier	<a href="http://www.sciencedirect.com">www.sciencedirect.com</a>	298
2	IEEE Proceedings Order Plan (POP)	<a href="http://ieeexplore.ieee.org">https://ieeexplore.ieee.org</a>	530,000 papers - from 100 core IEEE conference titles in POP
3	Springer Nature (EE, ME, CV, CS, and allied branches)	<a href="https://link.springer.com/">https://link.springer.com/</a>	690
4	Taylor & Francis	<a href="https://www.tandfonline.com/">https://www.tandfonline.com/</a>	585
5	Emerald	<a href="https://www.emeraldinsight.com/">https://www.emeraldinsight.com/</a>	120
6	ProQuest	<a href="https://www.proquest.com/165290">https://www.proquest.com/165290</a>	Full text: 4900 Journals Indexed: 7800 Abstract
7	Emerald	<a href="https://www.emerald.com/insight/content/case-studies">https://www.emerald.com/insight/content/case-studies</a>	1000 E-Case

Sl No	Journal Publisher	URL	No. of Journals
8	MAPMy Access	<a href="https://vtuconsortium.mapmyaccess.com">https://vtuconsortium.mapmyaccess.com</a>	5000 +
9	ASME	<a href="http://asmedigitalcollection.asme.org/">http://asmedigitalcollection.asme.org/</a>	33
10	ASCE	<a href="http://ascelibrary.org">http://ascelibrary.org</a>	36
e-Books Publisher		URL	No.Of e- Books
1	Mint Books	<a href="https://mintbook.in">https://mintbook.in</a>	3469 eBooks
2	MAPMy Access	<a href="https://vtuconsortium.mapmyaccess.com">https://vtuconsortium.mapmyaccess.com</a>	10,000 + e – Books



## 75. Training and Placement

The Institute has an excellent training & placement cell, through which students are trained on aptitude, technical and communication skills expected by the industries and are placed in reputed companies. Sessions are frequently arranged to create awareness about higher studies, competitive exams and their importance. A mini library is available in the placement cell with good number of books on aptitude and technical skill development.

**Our key recruiters:** TCS, Mercedes Benz, Infosys, Accenture, Wipro, Capgemine, TDPS, ACE designers, TAAL, Zensar, Itron, UI path, HealthAsyst, Tech Mahindra, Eurofins, Samsung, Zscaler, Spurtree, Global logic, Happiest minds , Onetrust, Sasken and many more.

## Placement Statistics

Salary (in LPA)	2020		2021		2022	
	No of companies	No of offers	No of companies	No of offers	No of companies	No of offers
Up to 6	<b>23</b>	<b>170</b>	<b>22</b>	<b>171</b>	<b>33</b>	<b>249</b>
6 to 8	<b>05</b>	<b>94</b>	<b>09</b>	<b>99</b>	<b>09</b>	<b>216</b>
8 to 12	<b>02</b>	<b>06</b>	<b>02</b>	<b>11</b>	<b>05</b>	<b>24</b>



## 76. Internship and Skill Development

The **MCE-BOSCH Rexroth Regional Centre of Competency in Automation Technologies (MBRRCAT)** is conducting internship and training for students of Mechanical Engineering Science students in the domain of Industrial Automation. Internship offer students the chance to put what they are learning into action, in a real-world environment. This helps them to understand better the theories and strategies they have been reading about, cementing the learning process and giving greater focus. After internship students will have a much clearer idea of their own strengths, weakness, likes and dislikes. Most importantly, knowing that they have hands on experience will give them far more confidence when it comes to job seeking and interviews.

Students who put themselves forward for an internship show that they are willing to take responsibility, work hard, want to learn, and are interested in getting experience. These are all the qualities that hiring companies are interested in and this helps them differentiate in a competitive job market.

Using the state of art facilities available internship, the Centre has trained more than 600 students and 20 teaching staff members in the following Industrial Automation Domain.

## 77. Hostel Facility

Boys Hostel Malnad College of Engineering Boys Hostel started during the year 1961 cater to the needs of the students who are coming from faraway places. Now, the hostel is very well equipped with modernized kitchen and huge dining hall which can accommodate nearly 260 students at a time for lunch/dinner. Hoysala, Hemavathi and Hasanamba are the 3 blocks which accommodate nearly 600 to 650 students in 324 rooms. All the rooms are provided with cots, tables, chairs, and ceiling fans. Good and well-maintained rooms, corridors, bath, and Water closets.

Girls Hostel The institute has an exclusive ladies hostel located outside the college campus. It was started during the year 1990. A four storied building accommodates about 250 students. A good boarding and lodging facilities are provided to the students. The students are provided with the Wi-Fi connectivity in the hostel premises. Also, the students are provided with bus facility from hostel to college.



## 78. Support Services

- ✦ Auditorium
- ✦ Bank
- ✦ Cooperative Society
- ✦ Cafeteria
- ✦ Dispensary

# EXTRA CURRICULAR ACTIVITIES

## 79. Students Club Activities

### THE LEO CLUB

Functioning actively since 1985, LEO CLUB is the second oldest club in Malnad College of Engineering. Leo Club is the youth wing of the Lions Club International. The word LEOS stands for Leadership, Experience, Opportunity and Service. We conduct 4 events every year. One of the main events being Jamboree, an inter-college fest hosted at MCE during the odd semesters. Katalyst is a literary event which is conducted during even semesters. Paper drive is yet another event conducted during the even semester wherein we collect



newspapers, books and other paper supplements in and around Hassan. Subsequently, the money obtained by selling these papers is used to conduct Orphanage visit and provide essentials for the children of the orphanage. The main vision of this visit is to spend quality time with the children and to spread joy among them. These are the events organized by Leo Club, to create a platform for showcasing skills and talents and to contribute as much to the society.

### THE LITERARY CLUB

The Literary Club A.K.A LIT is one of the most active clubs in the college which was established in the year 1993. The club has achieved greater heights in terms of event management. Our flagship event - "PINNACLE", an annual literary fest, has proven to be a grand success all these years. The club has also published three editions of



e-magazine NOESIS till date. It included literary and art works, brought together by designers of the club. Coming to the bigger arena, the club organizes the college annual fest- MALNAD. MALNAD-2022 was a huge success in terms of participation and management. We successfully hosted 30 odd events which included crowded events like traditional day, flash mob, scavenger hunt etc. The club has 32 creative minds in working to take club and college to a better place by their dedication and consistent work. The Lit club also holds good relationships with alumni community and other clubs helping the integrity among the society

## **THE MALNAD TECHNICAL CLUB**

The constructive vision to understand the evolving technology and inventive ideas with a potential to change the world enclaved 'The Malnad Technical Club' - The landmark of technology. Shortly, the Tech club is a reservoir that engraves the technical skills of students. The club came into effect on the 09th of September 2009. For the past 12 years consistently, the club has indulged in various activities majorly Tech talks, Tech bytes, posting articles every week, Tuesday Trivia, Projects presentations, and many others. To expel and unlock the hidden talents, they conduct Saviskaar, the only hub of competitions explicitly for freshers. We mainly conduct the only State level technical event Enigma, which serves as the best pavement to unleash the Mystery of technology. At this gala, the club witnesses a huge number of participants from all over the state. On this occasion, the club releases the National Level Newsletter called TechSandhya, which is a collection of articles written by students and exciting other columns.



## ROTARACT CLUB

Rotaract Club was established in 1991 under Rotary Hassan [ R.I Dist. 3182] it is one of the oldest clubs in MCE, Hassan. Rotaract clubs bring together and exchange ideas with leaders in the community, develop leadership and professional skills, and have fun through service. Rotaract members work side by side to take action through service. Here members decide how to organize and run their clubs, manage their funds, and plan and carry out activities and service projects. REFLECTIONS. Reflections is an exclusive attempt to unravel the talent and creativity of little souls. Our event is an exemplary platform for young souls to showcase their talents. This event is a cultural, literacy, and artistic extravaganza. We conduct Sparshaartha, as a part of Reflections. It is an event for visually impaired students it's our little contribution to bring smiles on their faces. TUSSELE, a mock placement event. An opportunity to experience your anticipated placements. The students actively participate in aptitude, group discussions, and interview sessions.



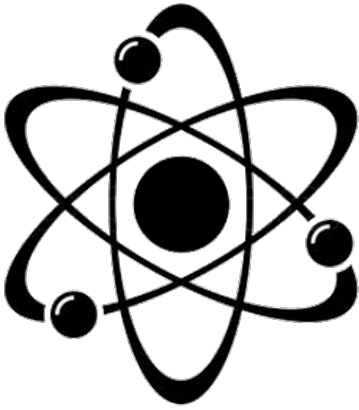
## ECO CLUB



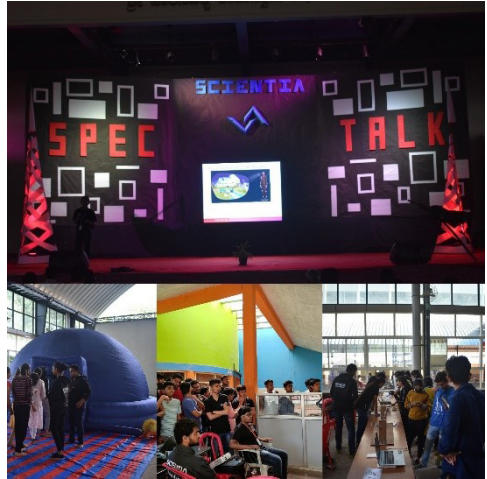
Malnad Eco Club was started in the year 2008. It focuses on nature conservation and is comprised of 40 green activists. The members of our club work cooperatively, plan strategies against the factors hampering our nature and also attempt to implement them. Our club moto being 'one hope, one goal, one green life', we inculcate clean and green consciousness among students by hosting various enthralling events like Vanya Chaitanya, Eternity, Bibharthi and Spot-fix every single year to amplify learning and inquisitiveness among the young pupils through various competitions. By being a part of our club, one can develop extraordinary leadership skills, improve communication skills, have a positive attitude, manage time and it is the best platform to test your potential and strengthen your weaknesses.

## SCIENCE ASSOCIATION

Science Association was established in MCE in the year 2014 with an aim to foster interest for science. It sparks out fuel in the mind of students who seek to recognize, improve, advance and develop scientific education by cultivating the Spirit of Enquiry and it further nurtures this interest with the help of Inter and Intra college activities that provide an opportunity for the transmission of dry information into tangible knowledge. The Association has conducted a wide range of activities throughout the academic session 2021-22. Their main event SCIENTIA, which is the first main event of Even-semester, has various Open and Inter-branch events such as Online Treasure Hunt, Mobile Planetarium, Quizzes, Speaker talk, Workshops, Spectra and much more, making Science Association one of its kind



*Fueling Curiosity...*



## DEVOPS

DevOps is an Enthusiastic coding and tech junkie student team. We aim towards creating useful projects with our passion for computers. The purpose is to encourage students to spread awareness about computer science and related fields and enrich themselves with the latest technology. Our Motto is to Build From Basics. The club provides a platform for numerous student activities in order to enhance student's overall growth and technical skills. It also envisions a suitable environment for students to explore their hidden skills as well as to come up with new ideas. Devops members always function like a family which results in successful events every year i.e., Hack. MCE, Dot Bytes. We have also succeeded in conducting workshops in our campus which lay stepping stones to all the students who are interested to explore technology. Join us and advance your skills, career and network.



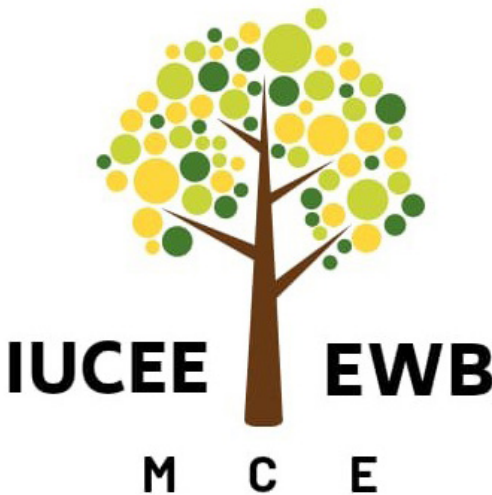
## SoUL

The SoUL is a non-governmental organization (NGO) with the tagline Educating Minds Empowering Lives, where we student Volunteers work towards uplifting children which will enable them to become happy, independent, and socially conscious people which in turn will help uplift their future. Our organization's main motto is to teach English to the kids who live in Balmandir. We volunteer not only to teach English but also to carry out drives such as cloth drives, book drives, temple drives, food drives, and many more. The Volunteers visit Balmandir every Sunday where we nourish them with our knowledge like teaching and giving career guidance and so on. We perform experiments and activities for their enjoyment. Basically, in Cloth and Book drive we collect clothes and books from privileged people and donate them to needy people. We also conduct food drives during college fests. We SoUL volunteers cheer up the kids by organizing SoUL day every year which includes numerous events such as a workshop, literary, cultural, and sports. This day is celebrated as an honour of success where kids experience new vibes with new joy. Apart from teaching, volunteers bring warmth and love to kids by celebrating festivals with them. This is the only organization of our college where volunteers don't necessarily have the time, they just have a heart that makes them work selflessly for the betterment of vital society.



## IUCEE

We are a student organisation in collaboration with IUCEE and EWB-INDIA. We conduct and implement valued student-oriented workshops. Our agenda is to establish a strong collaboration with industries, providing support to the student community. We aim to improve engineering education in tandem with academic and industry through empowering and fostering students as means of a positive change in local societies with programmatic efforts aimed at creating holistic value. Our mission is to build an ecosystem for engineers that exceeds the boundaries of conventional education systems. To involve engineers, and other professionals with special or general skills, in a movement of constructive change. So far, our team has worked on many projects. Some of them are Service hubs for COVID-19, Oxygen enriched air and waste management. Our team has participated and won many events like Innofiesta (2022, Hyderabad), Mindspark (2022), IASF (2022) and many more. Join us to enhance your skills and reach all over the world in engineering education.



## 80. Youth Red Cross

Youth Red Cross Wing (YRCW) was established on 22<sup>nd</sup> Feb. 2014 at Malnad College of Engineering. Nineteen Volunteer Blood Donation Camps are organized in the College and about 1872 blood units are collected. Also, Free Health Check-up Camps, Awareness on the Importance of Health, Awareness on Bone Marrow and Bone Marrow

Registry camp, and a talk on Wild Life Conservation are organized. Students, Teaching Faculty, and Non-teaching staff members who have donated blood a maximum number of times are felicitated by presenting a Gold Medal on Republic Day and Independence Day since 2019.



## 81. National Service Scheme (NSS)

Malnad College of Engineering started NSS Wing in the year 2014 with 20 students. It has conducted various social service programmes, awareness programmes, career related programmes and district administration programmes. Dedicated service was rendered during covid pandemic period. The Objectives of NSS is to Promote various adventure activities among NSS volunteers, infuse the sense of love towards the various regions of India, enhance leadership qualities, fraternity, team spirit and risk-taking capacity, Improvement of physical and mental strength, Exposure to new vocational possibilities.



## 82. Women Empowerment Cell

In Malnad College of Engineering Women Empowerment Cell started on 25-07-2022 with 100 Volunteers. Women's empowerment equips and allows women to make life-determining decisions through the different problems in society. Women empowerment promoting women's sense of self-worth, their ability to determine their own choices, and their right to influence social change for themselves and others. The cell has organized "Teachers Day" and "Har Ghar Tiranga" programmes in 2022.



## STUDENT RECOGNITION AND AWARDS

### 83. Best Outgoing Student

Best outgoing student's selections criteria are – academics, co-curricular & extra-curricular activities, Involvement in social activities & personality interview.

### 84. Best Sportsman

The best sportsman award is given based on the performance of the students in sports activities at college, region, university and national levels.

### 85. Gold Medals

The top scorer of each branch of study shall be the gold medalist of that branch of engineering. The gold medalist will be decided based on the CGPA earned at the end of the program. In case of students entering autonomous program from VTU, the equivalent CGPA of VTU semesters (computed as per VTU guidelines) is considered. However, in case of lateral entry students, the CGPA is considered over 6 semesters of study only (3rd to 8th semester). Further, such a student is expected to have successfully completed all the courses studied during the BE program in first attempt only. In this case, appearing makeup examination is considered as an attempt. This rule is applicable to all category of students admitted to the program.

### 86. Department Vision and Mission

Department	Civil Engineering
Year of Establishment	UG: Established in the Year 1960 PG: M. Tech (CADS) Established in the Year 1993
Department Vision	The Department of Civil Engineering will be a centre of excellence in industry-oriented teaching, training, research, professional ethics, social responsibility, and continuing education for practicing engineers through sponsored research and consultancy services.

Department Mission	<ol style="list-style-type: none"> <li>1. To improvise the curriculum to include contents pertaining to situational experience of variety of sites and develop a sense of social responsibility and to enhance research orientation of students through internship programs.</li> <li>2. To enhance sponsored research and consultancy works to achieve effective industry-institute-interaction and conduct Continuing Education Programme for practicing engineers.</li> <li>3. To inculcate professional ethics through quality and modern construction practices.</li> <li>4. To switch over to modern methods of material testing, Engineering analysis and design.</li> </ol>
PEOs	<p><b>PEO1:</b> The graduate will be successful professionally and contribute to core civil engineering construction projects, infrastructure projects, alternative construction technology projects, green buildings towards environmental sustainability for academic domain as well as for research and pursue higher studies.</p> <p><b>PEO2:</b> The graduate will be professionally sound in broad area of knowledge of various dimensions of civil engineering and allied fields.</p> <p><b>PEO3:</b> The graduate will be a team leader/effective team member with ethical values, versatile, quick learner will adapt to given professional context with lifelong learning capability.</p>
PSOs	<p><b>PSO1:</b> The Graduates will be demonstrate ability to design a civil engineering system, components or process to meet desired project needs.</p> <p><b>PSO2:</b> Graduates will be familiar with civil engineering professional software tools and demonstrate their ability in applying them for the solution of design situations.</p> <p>Lead Society: American Society of Civil Engineers (ASCE)</p>

<b>Department</b>	<b>Mechanical Engineering</b>
Year of Establishment	1960
Department Vision	To emerge as department of high reputation in Mechanical Engineering and allied fields through effective teaching, learning process and research activities, operating with a sense of professional and social responsibility.
Department Mission	<ol style="list-style-type: none"> <li>1. Empower students to scale high in their professional career through upskilling.</li> <li>2. Effective association with higher institutes of learning, industry and research laboratories with emphasis on multi-disciplinary approach.</li> <li>3. Encourage students to participate in sustainable projects.</li> <li>4. Inculcate professional and ethical norms in all activities.</li> </ol>
PEOs	<p><b>PEO 1:</b> Graduates will be able to apply engineering principles to develop products, processes or knowledge to solve mechanical and associated engineering problems for successful careers in mechanical engineering/higher education/research.</p> <p><b>PEO 2:</b> Graduates will acquire leadership qualities with strong communication skills along with professional and ethical values.</p> <p><b>PEO 3:</b> Graduates will be able to become entrepreneur / innovators to design and develop manufacturing systems and services to address social, technical and business challenges.</p> <p><b>PEO 4:</b> Graduates will be lifelong learners.</p>
PSOs	<p><b>PSO1:</b> Apply the knowledge of design engineering skills to manufacture an engineering mechanical system.</p> <p><b>PSO2 :</b> Model, simulate, analyze and optimize mechanical systems / processes through application of software.</p>

<b>Department</b>	<b>Electrical and Electronics Engineering</b>
Year of Establishment	1960
Department Vision	To become a department of excellence in the domain of Electrical and Electronics Engineering producing competent engineers with research acumen having moral and social values.
Department Mission	<ol style="list-style-type: none"> <li>1. Empower students to scale high in their professional career through upskilling.</li> <li>2. Enhance industry and alumni interaction.</li> <li>3. Promote continuous quality up gradation of faculty and technical staff.</li> <li>4. Time to time modernization of departmental infrastructure to provide state of the art laboratories.</li> <li>5. Create research oriented culture to invoke the desire and ability of lifelong learning among the students for pursuing successful career.</li> <li>6. Create and sustain environment of learning in which students acquire knowledge and learn to apply it professionally with due consideration of social and ethical</li> </ol>
PEOs	<p><b>Graduates of the program will be able to</b></p> <ol style="list-style-type: none"> <li>1. Design, analyze, operate and maintain equipment related to electrical and electronic industries with continuous integration with core and allied industries.</li> <li>2. Use state of art laboratories and modern computer based tools to pursue a diverse range of careers as engineers and researchers.</li> <li>3. Bring out innovations to provide the best solutions to electrical engineering problems.</li> <li>4. Fulfill the needs of society in solving technical problems using engineering principles, tools and practices, in an ethical and responsible manner.</li> </ol>

PSOs	<b>PSO1</b> : Develop models, design, analyze and assess the performance of different types of electrical machines, control systems and generation, transmission, distribution, protection mechanisms in power systems.
	<b>PSO2</b> : Demonstrate knowledge and hands-on competence in the application of circuit analysis and design, associated software and applications, analog and digital electronics and microcontrollers to build, test, operate and maintain electrical and electronic systems

<b>Department</b>	<b>Department of Electronics and Communication Engineering</b>
Year of Establishment	1971-72
Department Vision	To produce industry ready, research oriented and socially responsible Electronics & Communication Engineers.
Department Mission	<ol style="list-style-type: none"> <li>1. create an ambience for learning.</li> <li>2. To conduct research, beneficial to the society.</li> <li>3. To promote industry-academic interaction at all-levels.</li> <li>4. To be continuously agile to the needs of the stake holders.</li> </ol>
PEOs	<p><b>The graduates will:</b></p> <p><b>PEO1</b>: Design and test Electronics &amp; Communication systems and be successful professional in the field of ECE and allied areas.</p> <p><b>PEO2</b> : Be a good leader, team worker with strong communication skills.</p> <p><b>PEO3</b>: Possess capability to pursue higher education and be involved in research in the core and allied areas of E&amp;C engineering and be a lifelong learner.</p>

PSOs	<p><b>PSO1</b> : An ability to understand the basic concepts in Electronics and Communication Engineering and to apply them to various areas, like Signal and image processing, VLSI, Embedded systems, photonics, networks, MEMS, antennas etc., in the design and implementation of complex systems.</p> <p><b>PSO2</b> : Possess the skills to analyze and solve problems, using the latest software tools and hardware available in E &amp; C Engineering along with analytical skills for real-time applications.</p>
------	--

<b>Department</b>	<b>Computer Science and Engineering</b>
Year of Establishment	1983-84
Department Vision	To become a prominent department of Computer Science & Engineering producing competent professionals with research and innovation skills, inculcating moral values and societal concerns.
Department Mission	<ol style="list-style-type: none"> <li>1. Impart world class engineering education to produce technically competent engineers.</li> <li>2. Provide facilities and expertise in advanced computer technology to promote research.</li> <li>3. Enhance Industry readiness and entrepreneurial abilities through innovative skills.</li> <li>4. Nurture ethical values and social responsibilities.</li> </ol>
PEOs	<p><b>PROGRAM EDUCATIONAL OBJECTIVES</b></p> <p><b>PEO1</b> : Graduates will be an efficient software developer in diverse fields and will be a successful professional and/or pursue higher studies.</p> <p><b>PEO 2</b> : Graduates will be capable to adapt to new computing technology for professional excellence and research and be a lifelong learner.</p> <p><b>PEO 3</b> : Graduates will work productively exhibiting ethical qualities for the betterment of society.</p> <p><b>PEO 4</b> : Graduates will possess leadership qualities, work harmoniously as a team member with effective communication skills.</p>

PSOs	<p><b>PROGRAM SPECIFIC OUTCOMES</b></p> <p>Upon graduation, students with a degree B.E. in Computer Science and Engineering will be able to:</p> <p><b>PSO 1 :</b> To make the students industry ready by facilitating them with software tools in recent technologies.</p> <p><b>PSO 2 :</b> To develop IT based solutions for problems in diverse domains.</p>
------	--

<b>Department</b>	<b>Electronics &amp; Instrumentation Engineering</b>
Year of Establishment	1984
Department Vision	The Department will be a center of excellence for Electronics and Instrumentation studies driven by research in association with industry and society
Department Mission	<ol style="list-style-type: none"> <li>1. To augment infrastructure in emerging technologies.</li> <li>2. To provide student centered environment for effective learning by giving hands-on experience.</li> <li>3. To develop research culture and create facilities for transforming ideas into products to cater to society and industrial needs.</li> <li>4. To collaborate with industry, academia and research organizations for contribution to the higher order learning and research.</li> <li>5. To prepare students to meet the challenges of dynamic industrial requirements and higher education.</li> </ol>
PEOs	<ol style="list-style-type: none"> <li>1. Capacity to undertake automation jobs having competency in design of controllers, installation, commissioning, operation and maintenance of process plants in coordination with interrelated domain team.</li> <li>2. Social responsibility, leadership capability and integrity in their professional career.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Acumen to pursue higher education in interrelated domains of instrumentation.</li> <li>4. Ability to design and implement projects relevant to industry and community taking into account social, ethical and environmental considerations.</li> <li>5. Knowledge of computational platforms and software applications related to domain.</li> </ol>
PSOs	<p><b>PROGRAM SPECIFIC OUTCOMES</b></p> <p>Upon graduation, students with a degree B.E. in Computer Science and Engineering will be able to:</p> <p><b>PSO 1 :</b> Adopt concepts of measurement and transduction for instrumentation.</p> <p><b>PSO 2 :</b> Employ knowledge of instrumentation for process automation.</p>

<b>Department</b>	<b>Information Science and Engineering</b>
Year of Establishment	2000
Department Vision	The department will be a premier centre focusing on knowledge dissemination and generation to address the emerging needs of information technology in diverse fields
Department Mission	<ol style="list-style-type: none"> <li>1. To make students competent to contribute towards the development of IT field</li> <li>2. Promote learning and practice of latest tools and technologies among students and prepare them for diverse career options</li> <li>3. Collaborate with industry and institutes of higher learning for Research and Development, innovations and continuing education</li> <li>4. Developing capacity of teachers in terms of their teaching and research abilities</li> <li>5. Develop software applications to solve engineering and societal problems</li> </ol>

PEOs	<p><b>Graduates will :</b></p> <p><b>PEO1 :</b> be successful professionals in IT industry with good design, coding and testing skills, capable of assimilating new information and solve new problems</p> <p><b>PEO2 :</b> communicate proficiently and collaborate successfully with peers, colleagues and organizations</p> <p><b>PEO3 :</b> be ethical and responsible members of the computing profession and society</p> <p><b>PEO4 :</b> acquire necessary skills for research, higher studies, entrepreneurship and continued learning to adopt and create new applications</p>
PSOs	<p><b>PSO 1 :</b> Design and develop efficient information systems for organizational needs</p> <p><b>PSO2 :</b> Ability to adopt software engineering principles and work with various standards of computing systems.</p>

<b>Department</b>	<b>Computer Science and Engineering (Artificial Intelligence and Machine Learning)</b>
Year of Establishment	2022-23
Department Vision	To be a Centre of Excellence for innovative teaching, learning and research to produce socially responsible professionals in the field of Artificial Intelligence and Machine Learning to address real-world problems.
Department Mission	<ol style="list-style-type: none"> <li>1. Fostering innovation through cutting-edge teaching, transformative learning, and innovative research in field of artificial intelligence and machine learning with foundations of Computer Science and Engineering.</li> <li>2. Impart latest technology through industry-academia collaboration.</li> <li>3. Maintain high standards of ethical values involved in AI and ML applications with transparency of operations for moral concerns of the society.</li> </ol>

PEOs	<p><b>PEO1</b> : Acquire the fundamentals and expertise in basic science, Computer Science and Engineering, Artificial Intelligence and Machine Learning principles and excel in professional carrier by contributing to the profession as an excellent employee or an entrepreneur.</p> <p><b>PEO2</b> : Pursue Higher Studies and Research.</p> <p><b>PEO3</b> : Adapt to the technological advancements by engaging in lifelong learning and exhibit professional ethics, teamwork and leadership qualities.</p>
PSOs	<p><b>PSO1</b> : Analytical Thinking: Apply the principles of analytical and programing skills to solve the engineering problems.</p> <p><b>PSO2</b> : Data Engineering and Intelligent Systems: Utilize cognitive computing, artificial intelligence, and machine learning skills within the realm of data engineering to create intelligent systems.</p>

<b>Department</b>	<b>Computer Science and Business Systems</b>
Year of Establishment	2022-23
Department Vision	Emerge as an industry focused centre for promoting innovation, entrepreneurship, research and best practices of computer science together with managerial skills to serve the society and industry
Department Mission	<ol style="list-style-type: none"> <li>1. Impart globally connected cutting-edge technologies and business skills.</li> <li>2. Enhance industrial experience, promote entrepreneurship and research through industry institute interaction.</li> <li>3. Implement best practices to enrich knowledge and skill sets.</li> <li>4. Produce competent professionals with societal and environmental concern.</li> </ol>

PEOs	<p><b>Graduates of Computer Science and Business System Program will</b></p> <ol style="list-style-type: none"> <li>1. Acquire the fundamentals and expertise in basic 1. Explore and excel in emerging domains of computer science and business system.</li> <li>2. Acquire leadership qualities, capacity to work in diverse teams and be an effective business communicator.</li> <li>3. Develop professional skills that equip employability and higher education in the contemporary areas of Computer Science and Business Systems.</li> <li>4. Empower Research Skills by designing and developing solutions in the field of IT and facilitate to take up higher studies.</li> <li>5. Impart industry ready business skills through collaborations to bridge the gap between industry and academia.</li> </ol>
PSOs	<p><b>Engineering Graduates will be able to</b></p> <p><b>PSO 1 :</b> Develop efficient computer based systems to solve real life problems.</p> <p><b>PSO2 :</b> Apply the concepts of Enterprise Resource Planning, Quality, Financial, Supply and Logistic Management in Engineering and Technology.</p> <p><b>PSO3 :</b> Implement tools and technologies of industry 4.0 to design and develop industry relevant projects.</p>

## BLOOM'S TAXONOMY ACTION VERBS

Definitions	Remembering (L1)	Understanding (L2)	Applying (L3)	Analyzing (L4)	Evaluating (L5)	Creating (L6)
Bloom's Definition	Exhibit memory of previously learned material by recalling facts/terms, basic concepts, and answers.	Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas. *	Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	Examine information into parts by identifying motives or causes. make inferences and find evidence to support generalizations.	Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria.	Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.
Verbs	<ul style="list-style-type: none"> <li>choose</li> <li>define</li> <li>find</li> <li>how</li> <li>label</li> <li>list</li> <li>match</li> <li>name</li> <li>omit</li> </ul>	<ul style="list-style-type: none"> <li>classify</li> <li>compare</li> <li>contrast</li> <li>demonstrate</li> <li>explain</li> <li>extend</li> <li>illustrate</li> <li>infer</li> <li>interpret</li> </ul>	<ul style="list-style-type: none"> <li>apply</li> <li>build</li> <li>choose</li> <li>construct</li> <li>develop</li> <li>experiment with</li> <li>identify</li> <li>interview</li> <li>make use of</li> </ul>	<ul style="list-style-type: none"> <li>analyze</li> <li>assume</li> <li>categorize</li> <li>classify</li> <li>compare</li> <li>conclusion</li> <li>contrast</li> <li>discover</li> <li>dissect</li> </ul>	<ul style="list-style-type: none"> <li>agree</li> <li>appraise</li> <li>assess</li> <li>award</li> <li>choose</li> <li>compare</li> <li>conclude</li> <li>criteria</li> <li>criticize</li> </ul>	<ul style="list-style-type: none"> <li>adapt</li> <li>build</li> <li>change</li> <li>choose</li> <li>combine</li> <li>compile</li> <li>compose</li> <li>construct</li> <li>create</li> </ul>

Verbs	<ul style="list-style-type: none"> <li>• recall</li> <li>• relate</li> <li>• select</li> <li>• show</li> <li>• spell</li> <li>• tell</li> <li>• what</li> <li>• when</li> <li>• where</li> <li>• which</li> <li>• who</li> <li>• why</li> </ul>	<ul style="list-style-type: none"> <li>• outline</li> <li>• relate</li> <li>• rephrase</li> <li>• show</li> <li>• summarize</li> <li>• translate</li> </ul>	<ul style="list-style-type: none"> <li>• model</li> <li>• organize</li> <li>• plan</li> <li>• select</li> <li>• solve</li> <li>• utilize</li> </ul>	<ul style="list-style-type: none"> <li>• distinguish</li> <li>• divide</li> <li>• examine</li> <li>• function</li> <li>• inference</li> <li>• inspect</li> <li>• list</li> <li>• motive</li> <li>• relationships</li> <li>• simplify</li> <li>• survey</li> <li>• take part in</li> <li>• test for</li> <li>• theme</li> </ul>	<ul style="list-style-type: none"> <li>• decide</li> <li>• deduct</li> <li>• defend</li> <li>• determine</li> <li>• disprove</li> <li>• estimate</li> <li>• evaluate</li> <li>• explain</li> <li>• importance</li> <li>• influence</li> <li>• interpret</li> <li>• judge</li> <li>• justify</li> <li>• mark</li> <li>• measure</li> <li>• opinion</li> <li>• perceive</li> <li>• prioritize</li> <li>• prove</li> <li>• rate</li> <li>• recommend</li> <li>• rule on</li> <li>• select</li> <li>• support</li> <li>• value</li> </ul>	<ul style="list-style-type: none"> <li>• delete</li> <li>• design</li> <li>• develop</li> <li>• discuss</li> <li>• elaborate</li> <li>• estimate</li> <li>• formulate</li> <li>• happen</li> <li>• imagine</li> <li>• improve</li> <li>• invent</li> <li>• make up</li> <li>• maximize</li> <li>• minimize</li> <li>• modify</li> <li>• original</li> <li>• originate</li> <li>• plan</li> <li>• predict</li> <li>• propose</li> <li>• solution</li> <li>• solve</li> <li>• suppose</li> <li>• test</li> <li>• theory</li> </ul>
-------	---	---	---	--	---	--

## PERSONAL NOTES

[illegible]

## PERSONAL NOTES

[illegible]

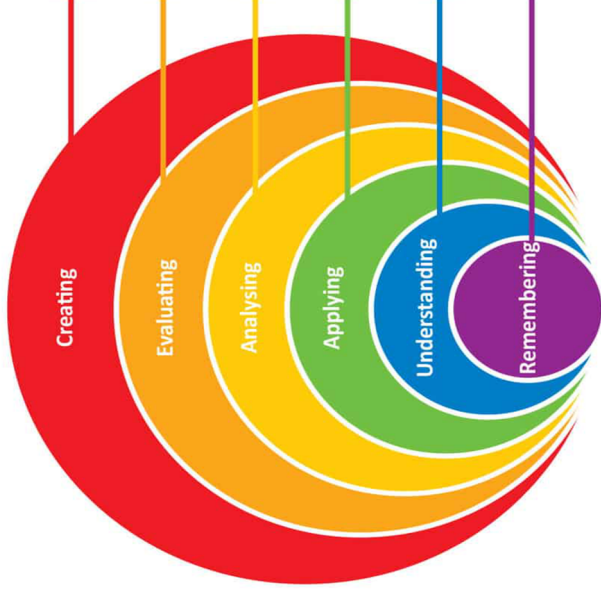
## PERSONAL NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## PERSONAL NOTES

[illegible]

## Bloom's taxonomy (revised)



Level 6	Can the learner create a new product or point of view?	assemble, construct, create, design, develop, formulate, write
Level 5	Can the learner justify a stand or decision?	appraise, argue, defend, judge, select, support, value, evaluate
Level 4	Can the learner distinguish between different parts?	appraise, compare, contrast, criticise, differentiate, discriminate, distinguish, examine, experiment, question, test
Level 3	Can the learner use information in a new way?	choose, demonstrate, dramatise, employ, illustrate, interpret, operate, schedule, sketch, solve, use, write
Level 2	Can the learner explain ideas or concepts?	classify, describe, discuss, explain, identify, locate, recognise, report, select, translate, paraphrase
Level 1	Can the learner recall or remember the information?	define, duplicate, list, memorise, recall, repeat, state



# **MALNAD COLLEGE OF ENGINEERING**

(An Autonomous Institution Affiliated to VTU Belagavi)

P. B. No. 21, Hassan, - 573 202. (Karnataka State - India)

Ph : 08172 - 245317

E-mail: [office@mcehassan.ac.in](mailto:office@mcehassan.ac.in) | [www.mcehassan.ac.in](http://www.mcehassan.ac.in)