



MALNAD COLLEGE OF ENGINEERING

(Autonomous)

(Approved by AICTE, New Delhi and Affiliated to Visvesvaraya Technological University, Belagavi)

Accredited by NAAC and NBA

HASSAN-573 202, Karnataka, India

Email - office@mcehassan.ac.in, <https://www.mcehassan.ac.in>

Phone-08172-245317


1.4.1-3 Action taken report of the Institution on feedback report

The feedback received from students, teachers, employers and alumni shows that the curriculum is satisfactory. However, a few concerns were derived from the responses of students, teachers, employers and alumni. These points were discussed and suitable action to improve the curriculum was taken and approved in the academic council meeting held on 31/12/2022.

The following are the issues derived from the analysis of feedback and the action taken to resolve it.

- Even though the placement opportunities for the students in MCE are good in number, most of the opportunities are in the field Computer science and allied branches and comparatively less in the fields like civil engineering and mechanical engineering. This was discussed in the Academic Council meeting and it was suggested to have comprehensive plans and multiple techniques to increase the number of companies visiting the college for recruitment. It was proposed to have Training and Placement officer/coordinator in each department to help students right from preparing the resume. In addition, it was suggested that the alumni networks is to be used effectively to increase the placement.
- The stakeholder feedback suggested to increase the number of courses related to recent technologies. To address this issue, emerging technology courses are introduced to the first year from the academic year 2022-23.
- The feedback from alumni and employer indicated the need to have programming courses for branches like Civil and Mechanical Engineering. A few employers have pointed out the significance of having programming courses right from the first year. In view of this, Programming Language Courses are introduced to the first year curriculum across all programmes.
- Although the institute implemented elective system in the third and fourth years of undergraduate programme, as per the suggestions from stakeholders, elective system is introduced from first semester of the programme. Students can opt the electives offered by programmes other than his/her parent branch which can improve their multidisciplinary knowledge.




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- Stakeholders suggested to increase the courses for skill development. A new course 'Innovation and Design Thinking' is introduced in the curriculum to improve the design and thinking skills of students.




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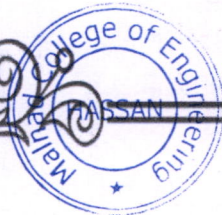
**Proceedings of
22nd Academic Council Meeting**

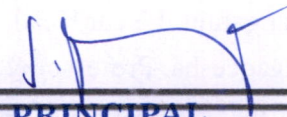
held on

31st December 2022, Saturday



**Malnad College of Engineering,
Hassan – 573 202**





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**MALNAD COLLEGE OF ENGINEERING,
HASSAN – 573 202**

No: MCE/AC/2022-23

Date : 12.01.2023

Minutes of 22nd Academic Council Meeting for the Year 2022-23 held on Saturday, the 31st December 2022 at 10:30 A.M. in the Principal's Meeting Hall, Malnad College of Engineering, Hassan. The meeting was conducted in blended mode.

Members Present:

Dr. C.V. Venkatesh, Principal – Chairman of the Council

External Members

(VTU Nominee)

1. Dr. Veena Desai, - Joined Online
Dept. of E and C Engg,
Gogte Institute of Technology, Belagavi
2. Dr. Shreedhara K.S.,
Dept. of CS and Engg,
UBDT College of Engineering, Davangere.

Expert from Industry & Education Sector

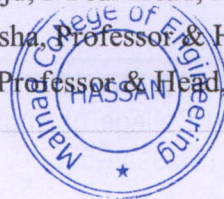
3. Dr. M.T. Venuraj,
Professor, Emeritus, Dept. of Civil Engg.,
M.C.E. Hassan.
4. Subramanya A.G, - Joined Online
Business Head, Micromatic Machine Tools Pvt Ltd,
Bengaluru,

Invitee

5. Dr. N.C. Shivaprakash, Professor, Dept. of Instrumentation and Applied Physics, IISc, Bangalore

Internal Members :

1. Dr. Amarendra H J, Dean (P&D), Professor, Dept. of Mechanical Engg.
2. Dr. S. Pradeep, Dean(Exams), Professor, Dept. of E and E Engg.
3. Dr. B. Uma, Dean (AA), Professor, Dept. of Computer Science and Engg.
4. Dr. H.S. Narasimhan, Dean (SA), Associate Professor, Dept. of Civil Engg
5. Dr. G. Shivakumar, Dean (Research), Professor & Head, Dept. of E & I Engg.
6. Dr. Mohan Kumar Chavan, Professor and Head, Dept. of Civil Engg
7. Dr. N. S. Jyothi, Professor and Head, Dept. of E&E Engg.
8. Dr. P. C. Srikanth, Professor & Head, Dept. of E and C Engg.
9. Dr. A. N. Basavaraj, Professor and Head, Dept. of Automobile Engg.
10. Dr. A. Geetha Kiran, Professor and Head, Dept. of CS& Engg.
11. Dr. J. Chandrika, Professor and Head, Dept. of IS& Engg
12. Dr. M.R. Rangaraju, I Year Head, Professor, Dept. of Physics
13. Dr. M.B. Jagadeesha, Professor & Head, Dept. of Chemistry
14. Dr. M.K. Partha, Professor & Head, Dept. of Mathematics



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15. Sri. Sree Rajendra, PG Co-ordinator, Professor, Dept. of Mechanical Engg
16. Dr. Manu K. C., PG Co-ordinator, Associate Professor, Dept. of Civil Engg.
17. Dr. Ezhil Vanna A, Professor, Dept. of Mechanical Engg.
18. Sri. B.B. Neelakantappa, Training and Placement Officer, Professor, Dept. of CS& Engg.
19. Dr. Y M. Shashidhara, IQAC Co-ordinator, Professor, Dept. of Automobile Engg,
20. Dr. Prasanna A.A., Coordinator, Institute Academic Activities
21. Smt. Indumathi C, Asst. Professor, Dept. of Civil Engg.
22. Sri. Dheeraj.D.S., 4MC19ME029, Student Representative

Members not Present:

External members:

1. Dr. B. Sadashive Gowda, Principal, Vidyavardhaka College of Engineering, Mysuru
2. Rajath Elias Soans, Senior Chief Engineer, Samsung Research Institute - Bengaluru,
3. Satheesha B Nanjappa, Vice President and Head Global Education Center, Infosys, Mysuru
4. Sri. H. Premananda Shenoy, Director, MCF-ISRO, Hassan. (Ex-Officio Member)

Internal members :

1. Dr. A.J. Krishnaiah, Dean (PG Programmes), Professor, Dept. of Civil Engg.
2. Dr. L. Laxmana Naik, Professor & Head, Dept. of Mechanical Engg.
3. Dr. M. S. Srinath, Professor and Head, Dept. of I&P Engg.
4. Dr. C.S. Suresh Babu, Associate Professor, Dept. of E & I Engg.

Agenda & Resolutions:

22.1 Welcome to AC members.

Dr. C.V. Venkatesh, Principal and the chairman of Academic Council, extended a cordial welcome to all the members to 22nd Academic Council meeting, and gave detailed presentation of achievements by both faculty and students since the last AC meeting held on 09.07.2022.

22.2 Action taken report on suggestions given by AC members during the previous AC meeting

Dean - Academic Affairs, presented the action taken report on the suggestions given by the experts during the last AC meeting held on 09.07.2022.

In the last AC meeting external members had opined that mathematics bridge course was not necessary for Lateral Entry students. **Dr. M. K. Partha**, Professor and Head of Mathematics, justified the necessity of bridge course for the Lateral Entry students.




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Dr. Sadashive Gowda advised to continue mathematics bridge course for Lateral Entry students as it is mandatory according to VTU guidelines.

Dean Examination explained the procedure adopted to give SEE for SWAYAM course, to 2018-19 admitted batch students, who had failed in one SWAYAM course and had passed in all other courses.

Dean - Academic Affairs presented the academic calendar for the current semesters.

22.3 First Year Academics

Dr. M.R. Rangaraju, Head of first year B. E. Academics and Physics department, presented

- a) Scheme and syllabus of first year B. E.
- b) The list of elective courses (Engineering Science Courses, Emerging Technology Courses and Programming Language Courses) offered in first semester
- c) The process used to collect options from students. Finalization of these courses was based on the number of students opting for a course (minimum 20 was the requirement to offer a course)
- d) Informed that the faculty have created videos for all electives courses to enable the students to know more about the courses, before they opt for elective courses.

-Approved -

Dr. Shreedhara K. S. appreciated and congratulated the manner in which the college administration has managed to accommodate computer laboratory for various courses of first year B. E., and suggested to reduce the stress by making students to use mobile phone to execute Python program in the classroom.

Dr. Sadashive Gowda appreciated the Civil and Mechanical Engg. faculty for handling Python Programming Course.

Dr. M. K. Partha, Professor and Head of Mathematics, briefed on how Mathematics course for different streams were designed by collecting suggestions from all branches concerned.

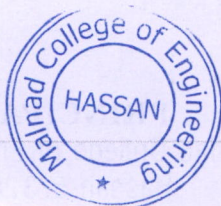
Dr. N.C. Shivaprakash appreciated the process followed by HoD of Mathematics in designing the mathematics courses syllabus.

22.4 Dr. Rangaraju, Professor and Head, Department of Physics, informed the modification (10 to 15%) done in Physics syllabus.

Approved

Dr. Jagadish, Professor and Head, Department of Chemistry, informed that 10 to 15% modification was done in the syllabus by incorporating application oriented concepts.

Approved




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Dr. Mohan Kumar Chavan, Professor and Head, Department of Civil Engineering informed that syllabus for manual CAD drawing for first year engineering (Engineering drawing) was modified by incorporating orthographic projections.

Approved

The syllabus of all other course in First year were also approved.

Dr. Veena Desai appreciated the efforts of Civil and Mechanical engineering department in framing the syllabus of Drawing courses.

22.5 To accord the approval for scheme and syllabus of Minor degree.

Principal requested Dr. Sadashive Gowda to throw light on offering Minor degree programs by autonomous colleges. Dr. Sadashive Gowda stated that autonomous institutes can only offer the minor degrees and the basket of courses for each that will be shortly announced by VTU. This will be applied to 2021-22 admitted batch of students also. Internal AC members opined that they wish to teach a few Minor degree courses in offline mode so as to be more effective. Dr. Sadashive Gowda informed to write a request letter to VTU for permission to teach few courses through offline mode in our college.

--- Not Approved -

22.6 To accord the approval for SWAYAM courses for 2021-22 admitted batch

There was a discussion on the pros and cons of making SWAYAM course a credit course. Dr. Veena Desai recommended to continue the procedure adopted for 2018-19 admitted batch. Dr. Shreedhara K.S. raised the concern regarding passing percentage in SWAYAM courses and hence to give equivalent course, if required.

22.7 Placement Report- TPO:

Prof. Neelakantappa, Placement officer presented the placement details. Dr. Shivaprakash suggested to further increase the placement percentage. Dr. Veena Desai suggested to have TP officer/coordinator in each department and further stated that this method has helped to increase placement in her college. Department TP officer to help in students' resume writing can be before sending to placement cell. In addition, alumni networks to be used effectively to increase the placement.

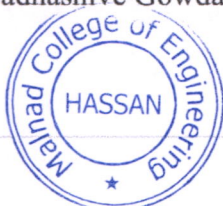
Dr. Sadashive Gowda suggested to have comprehensive plans and multiple techniques to increase the number of companies visiting the college for recruitment. Also to trace the performance of students for a minimum 2 to 3 years after graduating.


22.8 Dean Examination Report:

Dr. Pradeep Dean Examinations stated that two branches (I&P and Automobile) are closed and they will run till 2023 and 2024 respectively. Hence requested for the possibility to carry CIE marks of these batches.

Dr. Sadashive Gowda informed not to carry CIE for backlog students.

Not Approved




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22.9 **Dr. Sadashive Gowda** appreciated the activities conducted in MCE and suggested to felicitate faculty members by giving award for Best teacher, Best researcher and Best Engineer at levels of Assistant Professor, Associate Professor and Professor cadre. Also suggested to depute faculty for industry programmes.

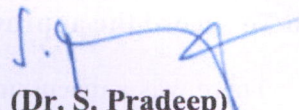
Dr. Veena Desai appreciated the efforts of Mathematics department for modifying syllabus department wise.

Dr. Shridhar appreciated the efforts in rolling out first semester courses in a good manner. He stressed the need to innovate teaching skills in tune with present generation students.

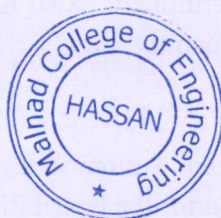
Dr. Shivaprakash appreciated the efforts of IDEA lab and MERISE activities in college.

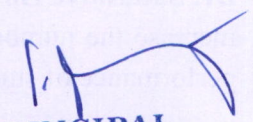
Meeting was concluded by proposing **vote of thanks** by Dean - Academic Affairs.


(Dr. B. Uma)
Dean-Academic Affairs


(Dr. S. Pradeep)
Principal, Chairman- AC

Copy to : External AC Members, All Deans, All HoDs, Exam Section, Nominated AC members,
O/c




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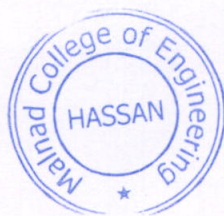
LIST OF COURSES OFFERED IN FIRST YEAR OF BE PROGRAMME (ACADEMIC YEAR 2022-23)

SL. NO.	COURSE CODE	COURSE TITLE
1.	22MATC11	Mathematics for Civil Engineering-1
2.	22MATM11	Mathematics for Mechanical Engineering -1
3.	22MATE11	Mathematics for Electrical and Electronics Engineering Stream -1
4.	22MATS11	Mathematics For Computer Science Engineering Stream -1
5.	22PHYC12	Physics For Civil Engineering
6.	22PHYM12	Physics For Mechanical Engineering
7.	22PHYE12	Physics For Electronics And Electrical Engineering Stream
8.	22CHES12	Chemistry For Computer Science And Engineering Stream
9.	22CED13	Engineering Drawing
10.	22CIV13	Engineering Mechanics
11.	22EME13	Elements Of Mechanical Engineering
12.	22BEE13	Basic Electronics
13.	22EEE13	Elements Of Electrical Engineering
14.	22ENG16	Communicative English
15.	22ICO17	Indian Constitution
16.	22KSK17	Samskruthika Kannada
17.	22KBK17	Balake Kannada (Kannada For Conversation)
18.	22IDT18	Innovation And Design Thinking
19.	22SFH18	Scientific Foundations Of Health & Physical Education
Engineering Science Courses (ESC)		
20.	22ESC141	Introduction To Civil Engineering
21.	22ESC142	Introduction To Electrical Engineering
22.	22ESC143	Introduction To Electronics Engineering
23.	22ESC144	Introduction To Mechanical Engineering
24.	22ESC145	Introduction To C Programming
Emerging Technology Courses (ETC)		
25.	22ETC15E	Renewable Energy Sources



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26.	22ETC15F	Waste Management
27.	22ETC15H	Introduction To Internet Of Things (IOT)
28.	22ETC15I	Introduction To Cyber Security
Programming Language Course (PLC)		
29.	22PLC15B	Introduction To Python Programming




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