

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)
Karvenagar, Pune - 411 052.

Ref : CCEW/GB/89/21-22

Date : 9th September, 2021

An online / offline meeting of Governing Body was conducted on 6th September, 2021, at 3.00 p.m. using Google meet.

Following Governing Body members were present for the meeting.

- | | |
|------------------------------------|-------------------------------------|
| (01) Mr. Jayant Inamdar | (02) Mr. Ravindra Deo |
| (03) Mr. Rajendra Jog | (04) Dr. Dhananjay Kulkarni |
| (05) Mr. Atul Nagras | (06) Dr. Pradheepam Ottikkutti |
| (07) Dr. P.V.S. Shastry | (08) Dr. Arpana Beniwal |
| (09) Dr. Vaishali Shinde | (10) Dr. Sandeep Musale |
| (11) Dr. Madhuri Khambete | (12) Mr. Ameet Lele (Invitee) |
| (13) Dr. Anand Bewoor (Invitee) | (14) Dr. Prachi Mukherji (Invitee) |
| (15) Dr. Supriya Kelkar (Invitee) | (16) Dr. Anagha Panditrao (Invitee) |
| (17) Dr. Anagha Kulkarni (Invitee) | (18) Dr. Ajit Bhosale (Invitee) |
| (19) Dr. Anita Patil (Invitee) | |

Mr. Nagrajan Balanga communicated his inability to attend the meeting. His absence was approved by the Governing Body.

Following points were discussed and decisions were taken in the meeting:

Point No. 1] To confirm the minutes of previous Governing Body meeting held on 20th April, 2021.

Decision : Dr. Madhuri Khambete, read the minutes of previous Governing Body meeting held on 20th April, 2021. Minutes were confirmed.

mm

Jeh

Point No. 2] College Ranking in

- (i) India Today ranking survey
- (ii) Outlook ranking survey
- (iii) The Week ranking survey

Discussion :

Year	India Today Survey Ranking	Outlook Survey Ranking	The Week Survey Ranking
2020	68	46	56
2021	54	42	47

India today has ranked Cummins College among top 10 colleges (8th position) for placement records and has mentioned Cummins College as Top Gainers who has improved ranking considerably compared to the previous rank.

Committee members appreciated the efforts taken by the staff.

Point No. 3] NBA accreditation status.

Discussion : Dr. Anand Bewoor, Associate Dean shared the status of applications for NBA Accreditation as below.

(A) Applied for NBA accreditation for following Undergraduate Programs (pre-qualifier approved):

- (i) B.Tech. (Computer Engineering)
- (ii) B.Tech (Instrumentation & Control Engineering)

(B) Accreditation extension is received till June 2022 for following Undergraduate Programs

- (i) Electronics & Telecommunication
- (ii) Information Technology

Point No. 4] To approve Examination Fees for UG & PG Programs for A.Y. 2021-22.

Discussion : Considering estimated expenses to conduct all examination related activities, Dean examinations, Dr. Ajit Bhosale proposed examination fees for A.Y. 2021-22 for FY, SY, TY & Final Year B.Tech. as well as FY & SY M.Tech. Programmes as below.

SN	Year	Examination Fees	
		Semester-I	Semester-II
1	First Year, Second Year & Third Year B.Tech. programmes.	Rs.1,250/-	Rs.1,250/-
2	Final Year B.Tech. programme.	Rs.1,500/-	Rs.1,500/-
3	First Year M.Tech. Programme Semester - I & II.	Rs.2,200/-	Rs.2,200/-
4	Second Year M.Tech. Programme Semester - III & IV.	Rs.2,500/-	Rs.3,500/-

Decision It is decided to approved proposed examination fees for the academic year 20121-22 as per the details given above.

Point No. 5] To discuss feedback on curriculum by stakeholders.

Discussion : The first batch (as per autonomous curriculum) graduated in 2020. In order to revise the curriculum, feedback on curriculum was collected from all stakeholders. The faculty members reviewed feedback. Suggestions/ inputs obtained through feedback were discussed further in BoS and academic council meetings. Inputs received were considered to decide structure, courses and course contents of the revised curriculum.

Dr. Anand Bewoor, presented stakeholders' feedback on curriculum. He also shared some of the important changes/ up gradations incorporated based on feedback such as :

- Inclusion of one full semester internship;
- Wide choices of courses in the form of programme electives
- Opportunity to study multi-disciplinary courses through open electives
- Inclusion of engineering profession relevant courses such as finance, sustainable engineering, project management etc.
- provision of opting for online courses to encourage self-learning

Decision / Remark : Committee members appreciated the efforts taken by faculty members in collecting feedback and incorporating changes accordingly.

Point No. 6] To approve Academic Structure for UG Programs.

Discussion : Dr. Anand Bewoor, presented Academic Structure to be followed from 2020-21 for SY, TY and final years of all UG Programs. He presented Salient features, Course categorization and associated / allotted number of credits as given below.

**Autonomous Program Structure of Second Year B. Tech. (3rd Semester)
(E&TC / Comp / Instru / IT / Mech) Academic Year: 2021-2022 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit
		*L	*T	*P	*I	*E	*O	*P		
20BSXX301	Core Course – Program Specific, Maths [e.g. Calculus & Statistics]	3	1	0	50	50	0	0	100	4
20X301	Program Core Course 1	3	1	0	50	50	0	0	100	4
20XX302	Program Core Course 2	3	1	0	50	50	0	0	100	4
20XX 303	Program Core Course 3	3	0	0	50	50	0	0	100	3
20HS 301	Universal Human Values - 2	2	1	0	50	50	0	0	100	3
20XX 304	Lab	0	0	4	25	0	0	25	50	2
20XX 305	Lab	0	0	2	25	0	0	25	50	1
20XX 306	Lab	0	0	2	25	0	0	25	50	1
20AC 301	Audit Course	0	0	1	0	0	0	0	0	No Credit
	Total	14	4	7	300	250	0	50	600	22
	Grand Total	25			600				600	22

*L-Lecture, T-Tutorial, P-Practical, I-Insemester, E-Endsemester, O-Oral

**Autonomous Program Structure of Second Year B. Tech. (4th Semester)
(E&TC / Comp / Instru / IT / Mech) Academic Year: 2021-2022 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit
		*L	*T	*P	*I	*E	*O	*P		
20XX401	Program Core Course 4	3	1	0	50	50	0	0	100	4
20XX402	Program Core Course 5	3	1	0	50	50	0	0	100	4
20XX403	Program Core Course 6	3	0	0	50	50	0	0	100	3
20XX404	Program Core Course 7	3	0	0	50	50	0	0	100	3
20XX405	Program Core Course 8	3	0	0	50	50	0	0	100	3
20X406	Lab	0	0	2	25	0	25	0	50	1
20XX407	Lab	0	0	2	25	0	25	0	50	1
20XX408	Lab	0	0	2	25	0	25	0	50	1
20XX409	Lab	0	0	4	25	0	0	25	50	2
20AC401	Audit Course	0	0	2	0	0	0	0	0	No Credit
	Total	15	2	14	375	250	50	75	750	22
	Grand Total	31			750				750	22

*L-Lecture, T-Tutorial, P-Practical, I-Insemester, E-Endsemester, O-Oral

**Autonomous Program Structure of Third Year B. Tech. (5th Semester)
(E&TC / Comp / Instru / IT / Mech) Academic Year: 2022-2023 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit
		*L	*T	*P	*I	*E	*O	*P		
20XX501	Program Core Course 9	3	1	0	50	50	0	0	100	4
20XX502	Program Core Course 10	3	0	0	50	50	0	0	100	3
20XX503	Program Core Course 11	3	0	0	50	50	0	0	100	3
20PEXX501	Programme Elective-I	3	0	0	50	50	0	0	100	3
20PEXX502	Programme Elective II**	3	0	0	50	50	0	0	100	3
20OEHS501	Open HS Elective -I	3	0	0	50	50	0	0	100	3
20XX504	Lab	0	0	2	25	0	25	0	50	1
20XX505	Lab	0	0	2	25	0	25	0	50	1
20XX506	Lab	0	0	4	25	0	0	25	50	2
20XX507	Lab / Mini Project	0	0	2	25	0	25	0	50	1
20PEXX503	Programme Elective Lab-I	0	0	2	25	0	0	25	50	1
	Total	18	1	12	425	300	75	50	850	25
	Grand Total		31		850				850	25
*L-Lecture, T-Tutorial, P-Practical, I-Insemester, E-Endsemester, O-Oral										
**NPTEL / Swayam Course										

**Autonomous Program Structure of Third Year B. Tech. (6th Semester)
(E&TC / Comp / Instru / IT / Mech) Academic Year: 2022-2023 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit
		*L	*T	*P	*I	*E	*O	*P		
20XX601	Program Core Course 12	3	1	0	50	50	0	0	100	4
20XX602	Program Core Course 13	3	0	0	50	50	0	0	100	3
20XX603	Program Core Course 14	3	1	0	50	50	0	0	100	4
20HS 601	HS Course – Program Specific	3	0	0	50	50	0	0	100	3
20PEXX601	Programme Elective-III	3	0	0	50	50	0	0	100	3
20OE 601	Open Elective-II	3	0	0	50	50	0	0	100	3
20XX604	Lab	0	0	2	25	0	25	0	50	1
20PEXX602	Programme Elective Lab-III	0	0	2	25	0	0	25	50	1
	Total	18	2	4	350	300	25	25	700	22
	Grand Total		24		700				700	22
*L-Lecture, T-Tutorial, P-Practical, I-Insemester, E-Endsemester, O-Oral										

**Autonomous Program Structure of Fourth Year B. Tech. (7th Semester)
(E&TC / Comp / Instru / IT / Mech) Academic Year: 2023-2024 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Marks	Credit
		Lecture	Tutorial	Practical		
20XX-P 701	Internship / Project	0	0	30	300	15
20HS 701	PFT- (Online) Recorded	2	0	0	100	2
Grand Total		32			400	17

Credits	Marks	Teaching Hrs / week	Evaluation Mode
Internship / Project = 15	300	30	Presentations + Oral
HS- PFT (Online) = 3	100	2	ISE + ESE

Duration of Internship / Project :

1. Full Internship 6 Months
2. Full Project 6 Months
3. Combination : Internship 3 Months + Projects 3 Months
(June-Aug + Sep- Nov)

For Internship / Project:
In-Sem-Reviews =Two ; ESE = One Review with external (Final)

**Autonomous Program Structure of Fourth Year B. Tech. (8th Semester)
(E&TC / Comp / Instru / IT / Mech) Academic Year: 2023-2024 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit
		*L	*T	*P	*I	*E	*O	*P		
20XX 801	Program Core Course 15	3	0	0	50	50	0	0	100	3
20PEXX801	Program Elective-IV	3	0	0	50	50	0	0	100	3
20PEXX802	Program Elective-V	3	0	0	50	50	0	0	100	3
20OE 801	Open Elective-III	3	0	0	50	50	0	0	100	3
20OE 802	Open Elective-IV*	3	0	0	50	50	0	0	100	3
20XX802	Lab	0	0	2	25	0	25	0	50	1
20PEXX803	Program Elective-IV Lab	0	0	2	25	0	0	25	50	1
Total		15	0	4	300	250	25	25	600	17
Grand Total		19			600				600	17

*L-Lecture, T-Tutorial, P-Practical, I-Insemester, E-Endsemester, O-Oral

Decision : It is decided to approve the course credits and examination scheme for SY, TY and Final Year B.Tech. for all UG Programs.

Point No. 7] To approve courses & course contents proposed for UG Programs.

Discussion :

- All Heads of the Programmes, presented summary of stakeholders' feedback.
- All Heads of the Programmes presented proposed courses & course contents at SY, TY and Final Year of B.Tech.
- Following suggestions were given by Dr. Ram Ottikutti for B.Tech. Mechanical engineering curriculum.
 1. He suggested including corrosion topic in the course material. Prof. Bhosale informed that corrosion topic is included in the course 'Chemistry' at FY level. However He assured to review the Chemistry content level and accordingly corrosion will be included in the course.

2. Dr. Ram advised to offer 'Power Electronics' course to Mechanical engineering students in the form of elective course. He also advised to add Silicon carbide components' study in the 'Power Electronics' course.
3. Dr. Ram said that Open elective course AI / ML offered to Mechanical engineering students should include discussion of industry relevant AI / ML problems.

- Following suggestion was given by Dr. PVS Shastry

Dr. Shastry suggested inclusion of course on Nano-technology. Principal told that elective course on 'MEMS' covers nanotechnology concepts.

- Decision :
- 1) It is decided to offer 'Power Electronics' course to Mechanical engineering students in the form of Open elective course. It is also decided to include silicon carbide components in this course.
 - 2) It is decided to discuss/ consider industry relevant problems/case studies while teaching AI/ ML courses.
 - 3) Approval is granted to all other proposed course titles and course contents.

Point No. 8] To approve Audit Courses, Open Elective courses & their contents.

Discussion : Dr. Anita Patil, presented details of Audit Courses & Open Elective courses & their contents.

Following Open Elective options were proposed:

1. Open Elective Courses at T.Y. B.Tech (Sem-V):

Course Title	Offered to the students of
Entrepreneurship Development	All programs
Intellectual Property Rights	
Introduction to Digital Marketing	
Law for Engineers	
Organizational Behaviour	
Project Management	

m

feh

2. Open Elective Courses at T.Y. B.Tech (Sem-VI):

Course Title	Offered to the students of
Automation and Control Engineering	All programs
Automotive Electronics	
Avionics	
Bioinformatics	
Computer Vision	
Design Thinking	
e-Business	
Electric Vehicles	
Gamification	
Geographical Information Systems	
Multimedia Systems	

3. Open Elective Courses at Final Year. B.Tech (Sem-VIII):

Course Title	Offered to the students
Big data and analytics	All programs
Cyber Physical Systems	
Digital Control	
Industrial Engineering and Management	
Introduction to Cyber-crime and Forensics	
Instrumentation in Food and Agriculture	
Medical IoT	
Quantum Computing	
Renewable Energy Sources	
Soft Computing	
Software Testing and Quality Assurance	

mv

neh

4. Open Elective Courses at Final Year. B.Tech (Sem-VIII):

Course Title	Offered to the students of programs*
Applied statistics with R Programming	ETC, IN, M
Automobile Engineering	C, IT, ETC, IN
Autonomous Robots	C, IT, M
Building Automation and Energy Audit	C, IT, ETC, M
Data Analysis and Visualization	ETC, IN, M
Data Science using Python	ETC, IN, M
Industrial Drives and Control	C, IT, ETC, M
Selection and specification of material for engineering application	C, IT, ETC, IN
Smart Sensors and Structures	C, IT, ETC, M
Wireless networks	C, IT, IN, M

[*Note: C= Computer Engg., IT= Info. Tech., ETC= Electronics & Telecommunication Engg., IN= Instrumentation & Control Engg.]

Following Audit courses were proposed:

(1) At S.Y. B.Tech following options were proposed under Audit course

i	Leadership and Personality Development
ii	Professional Ethics and Etiquette
iii	Women Health and Well-Being
iv	Yoga and Meditation

(2) In SY B.Tech. second semester audit course 'Employability Skill Development (ESD)' was proposed which covers topics on communication Skills and quantitative aptitude.

- (3) In TY B.Tech. first semester audit course 'self-expression' Was proposed with following options :

S.N.	Options
1.	Dance
2.	Cooking
3.	Film appreciation
4.	Theatre
5.	Drawing and painting
6.	Paper quilling and candle making
7.	Flower making
8.	Ceramic pot painting
9.	Hand Embroidery
10.	Gardening
11.	Tie and Dye and Block printing
12.	Literature

- Decision : 1) Approval is granted to the syllabi of all open elective courses.
2) It is decided to offer audit courses with above mentioned options at SY and TY B.Tech.

Point No. 9] To approve Academic Calendar for the A.Y. 2021-22.

SEM-I : AY 2021-22		
Class	Starting date	End Date
SY B Tech	13 th Sep 2021	7 th Jan. 2022
ISE – T2 Examination	15 th Nov 2021	22 nd Nov 2021
ESE-Examination	17 th Jan 2022	27 th Jan 2022
TY B Tech	16 th Aug 2021	18 th Dec 2021
ISE – T2 Examination	25 th Oct 2021	30 th Oct 2021
ESE-Examination	27 th Dec 2021	14 th Jan 2022
Final B Tech	13 th Sep 2021	31 st Dec 2021
ISE – T2 Examination	15 th Nov 2021	22 nd Nov 2021
ESE-Examination	10 th Jan 2022	20 th Jan 2022

SEM-II : AY 021-22		
Class	Starting date	End Date
SY B Tech	7 th Feb 2022	21 st May 2022
ISE – T2 Examination	4 th April 2022	9 th April 2022
ESE-Examination	6 th June 2022	15 th June 2022
TY B Tech	24 th Jan 2022	7 th May 2022
ISE – T2 Examination	21 st March 2022	26 th March 2022
ESE-Examination	9 th May 2022	20 th May 2022
Final B Tech	24 th Jan 2022	7 th May 2022
ISE – T2 Examination	21 st March 2022	26 th March 2022
ESE-Examination	9 th May 2022	20 th May 2022

Decision : The Academic Calendar of 2021-22 is approved.

Point No. 10] To approve adhoc appointments of faculty members for A.Y. 2021-22.

Discussion Considering requirement for teaching courses and to satisfy faculty student ratio as per AICTE norms , principal requested approval to appoint total 31 faculty members on adhoc basis for the year 20121-22 Department wise requirement details are as below.

SN	Department /Subject	No. of post required
1	E&TC	7
2	Computer	7
3	Instrumentation	2
5	Mechanical	3
6	Physics,	2
7	Mathematics	3
8	Humanities	7
	Total	31

Decision : The approval is granted to appoint total 31 faculty members on adhoc basis for A.Y. 2021-22.

Point No. 11] Appointment of Prof. Dr. Anand Bewoor as Dean - Academics.

Discussion Dean academic Prof. Ingle retired on 31st August. Principal proposed to appoint Associate Dean academic Prof. Bewoor, as Dean academic with effect from 7th Sept 2021.

Decision : Members granted permission to appoint Prof. Dr. Anand Bewoor as Dean - Academics.

Handwritten signature

Point No. 12] Nomination of Prof. Dr. Anand Bewoor as Governing Body member.

Discussion Prof. Ingle was principal nominated Governing body member. Prof. Ingle retired on 31st August, so Principal proposed nomination of Prof. Bewoor in place of Prof. Ingle.

Decision : Committee members approved nomination of Prof. Bewoor.

Point No. 13] Additional points with the permission of chair.

Decision : No additional point was discussed in the meeting.

Dr. Madhuri Khambete concluded meeting with vote of thanks.

Dr. Madhuri Khambete
Principal - Member Secretary
MKSSS's Cummins College of Engineering for Women
Karvenagar, Pune - 411 052.

Mr. Jayant Inamdar
Chairman, Governing Body
MKSSS Cummins College of Engineering for Women
Karvenagar, Pune - 411 052.