UVCE ACT 2021

An Overview

ABOUT

It is expedient to declare and constitute the University Visvesvaraya College of Engineering (UVCE), Bengaluru, as the University of Visvesvaraya College of Engineering (UVCE), Bengaluru **to grant autonomy** with a view to empower the Institution to attain standards of global excellence in engineering and allied areas of knowledge.

The objects of the University are such as to make it an Institution of State Eminence.
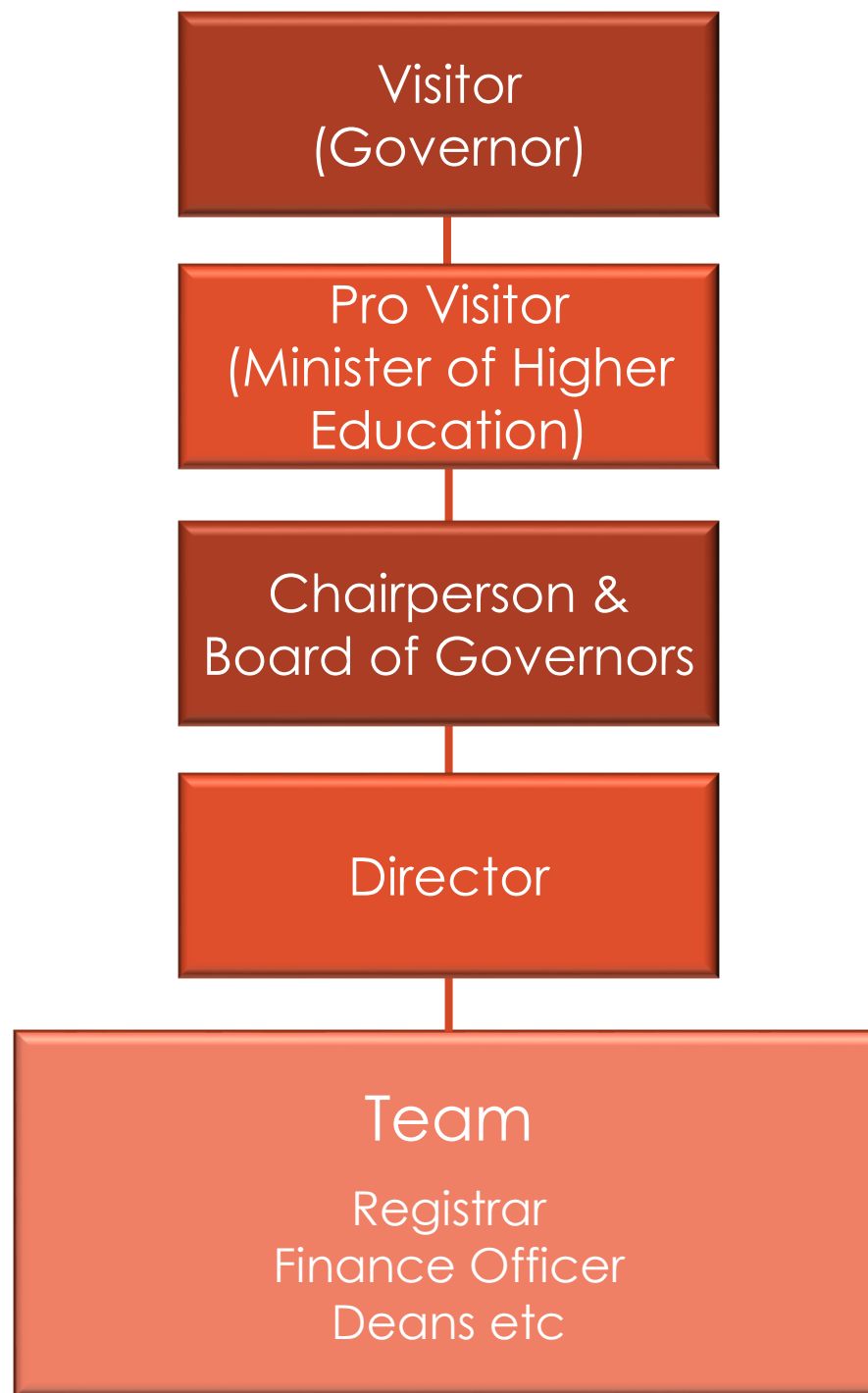
CLICK HERE TO KNOW DETAILS

HIGHLIGHTS

- Two eminent persons from among the alumni of the UVCE will be part of the Board of Governors.

- The Chairperson and members of the first Board of Governors shall be nominated by the Visitor (Governor), on the recommendation of the State Government.

- The Board shall, through an independent agency or group of experts, within a period of three years from the date of incorporation of the University, and thereafter atleast once in every three years, evaluate and review the performance of the University, including its faculty, on the parameters of long-term strategy and rolling plans of the University

Structure

**Visitor
(Governor)**

**Pro Visitor
(Minister of Higher Education)**

**Chairperson &
Board of Governors**

Director

Team
Registrar
Finance Officer
Deans etc

Board of Governors will include academicians, industrialists etc.

The Director will have a team comprising of Registrar, Finance Officer, Deans of Faculties reporting to him/her.

Academic Council, Research Council , Finance Committee will be part of the authorities.

First BoG will be appointed by the Visitor (Governor) and subsequently all operational authority will be delegated to BoG.

HIGHLIGHTS

- The University shall **maintain a fund** to which shall be credited,-
        (a) all moneys provided by the State and Central Governments;
        (b) all fees and other charges received by the University;
        (c) all moneys received by the University by way of grants, gifts, donations, benefactions, bequests or transfers;
        (d) all moneys received by the University from utilization of intellectual property arising from research conducted or rendering advisory or consultancy services by it; and

- The University shall **create a corpus fund for long term sustainability** of the University

HIGHLIGHTS

- No prior approval is necessary where a scheme or a programme which imposes a recurring liability on the University, but is funded by the UGC, or the Central Govt or met out of the interest derivable from a corpus or contribution or donation or endowment instituted by private sector or individual or industry or institutions and such a recurring liability does not cast any burden on the State Govt and the entire expenditure in that respect is met out of the University funds.

HIGHLIGHTS

- **Financial Memorandum** states:

The Committee with a envision to transform the University Visvesvaraya College of Engineering into the institution amongst the best in the clauses of Technical Education, developed coherent strategies to fiscal, academic and administrative autonomy, infrastructure that enables and fosters learning and innovation and collaboration with world class academia and industries.

The committee also studied the financing models that exist in the Foreign Universities and Indian Institute of Technologies and other reputed universities in India and recommended fiscal action plan for 10 years along with model assumptions relating to capital requirement, sources of revenue, operating expenditures and extent of Government assistance etc. In addition to Rupees 10 crore earmarked in the Budget of 2020-21 F.Y., the State Government needs to provide the fund to the tune of Rs. 50 crore for 2020-21 F.Y. to serve the purpose.

Therefore, there is no extra expenditure involved in the proposed legislative measure in this stage.

KEY RECOMMENDATIONS FROM THE REPORT

- The Committee recommended that Bangalore University allocate 100 acres to UVCE at Jnana Bharathi and suggested it be mentored by either IIT-Madras or the Indian Institute of Science (IISc).
- The committee had recommended seeking a grant of ₹500 crore from the government over the next two to three years to improve existing infrastructure and make provisions for digital infrastructure as well as online and distance learning.
- It had recommended evolving a financial model to reduce dependency on the State Government for funds.

KEY RECOMMENDATIONS

- Recommendation for evolving a financial model to reduce dependency on the State Government for funds, by raising amounts through external sources (like Govt grants, alumni contribution, endowments and from research grants).

- The suggestion is to adopt 33/33/33 model of financing (by next 5 years)

  - Student Fees

  - Govt Funding

  - Industries/Alumni/ Philanthropists

KEY RECOMMENDATIONS

- Tuition fee can be increased to 50% of IITs in one year and gradually to match 100% of fees in IITs in five years, said the report. The institution should follow a "need-blind" admission process as practised by other leading institutions to ensure availability of scholarships, income sharing agreement and loans so that the cost of education does not deter students.

- It also recommended setting up a structure for the UVCE to autonomously decide on staff salaries, fees charged, and giving scholarships to talented students hailing from the economically weaker sections.

OTHER KEY RECOMMENDATIONS

- Decide year-wise implementation plan

- Create partnerships with leading technical institutes.

- Collaborate with / Invite Industry Experts to teach

- Grow with 2 campuses- K.R. Circle & Jnana Bharathi.

- Improve 'basic' facilities immediately.

- Develop long-term 'Digital' infrastructure

- Multi-disciplinary study, Hybrid Learning

- Liberal Arts to be included as integral part

- Atmosphere and infrastructure for innovation & research

OTHER KEY RECOMMENDATIONS

- Introduce new courses suiting the current trends

- Focus on balanced student development – functional, personal, contextual

- Recruit high quality faculty and offer appropriate ambience & compensation

- Provide faculty with research and consultancy opportunity

- Appoint committees of academics, alumni and industry.

- Draw on alumni expertise, experience and create the network to build upon

SPECIAL COMMITTEE

- Prof S Sadagopan – Chairman
- Shri Muthuraman – Member
- Shri Prashanth Prakash – Member
- Shri B V Jagadish – Member
- Shri Nagananda Doraiswamy – Member
- Prof Venugopal K R – Member Convener

From UVCEGA, we would like to applaud the committee's effort and dedication in making the detailed report.

Also, we congratulate the Committee for getting the UVCE Act passed in the assembly.

Complete Report

UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING 2.0

JULY 2020

If you are interested to read the complete report, here it is – 100+ page report with the complete findings and suggestions made by the Expert Committee to the Govt.

CLICK HERE TO VIEW

CONCERNS

- 6.2 states – "Seventy five per cent of the seats shall be filled through the Common Entrance Test conducted by the State Government and twenty five per cent of the seats shall be filled based on the Joint Entrance Examination conducted at the national level."
- 23.7 states – "The Chairperson shall hold office for a term of four years; Provided that, notwithstanding the expiry of his term of office, the Chairperson shall continue to hold office until his successor assumes office."
- 24.5 states – "No person shall be appointed to hold the office of the Director if he has attained the age of seventy years."

MECHANICAL BLOCK CONCERNS

Mechanical Workshops and Lab buildings are demolished 3 years back.

All the equipment are not stored in proper manner.

Most of the labs for Mechanical are not conducted in orderly manner.

MECHANICAL BLOCK UPDATES

Approval from the Govt to start the work for construction of new building worth Rs.85 crores

- Money will need to be internally funded by the University (and not by the State Govt). This is in lines with the request from the Bangalore University letter which was sent on 3rd November, 2020.

- In the Budget of 2021-22 of Bangalore University, a total of 29 Crores will need to be set aside to call for tender and start the work.

CURRENT STATISTICS

2021-22 Year					
Department	Intake	CET Admissions	GOI	Total Admissions	Vacancy
Architecture	38	36	0	36	2 + 0
Civil Engineering	126	92	7	99	32 + 2
Mechanical Engineering	168	140	4	144	28 + 0
Electrical Engineering	84	76	0	76	8 + 0
Electronics & Communication Engineering	126	119	0	119	7 + 0
Computer Science & Engineering	74	72	8	80	1 + 1
Information Science Engineering	63	60	2	62	3 + 0
Artificial Intelligence & Machine Learning	63	58	0	58	5 + 0
Total	**742**	**653**	**21**	**674**	**89**

CURRENT STATISTICS

2021-22 Year CET Second Round

Department	Cut Off Rank (GM)
Architecture	Not Known
Civil Engineering	41380
Mechanical Engineering	43447
Electrical Engineering	18916
Electronics & Communication Engineering	8474
Computer Science & Engineering	2579
Information Science Engineering	4304
Artificial Intelligence & Machine Learning	5891

CURRENT STATISTICS

Rough Expenses Details

Expense Details	No	Avg / Month (₹)	Avg/ Year (₹)	Total Amount (₹)
Salary				
Professor (3 Lakh), Associate Professor (2.4 Lakh), Assistant Professor (1.25 Lakhs)	80	2.5 Lakh	30 Lakh	24 Crores
Guest Faculty (60K), Non Teaching Staff (70K), Cleaning Staff (20K)	40 60 12	60K 70K 20K	7.2 Lakh 8.4 Lakh 2.4 Lakh	7 Crores
Electricity/Telephone/Internet Bills		15 Lakh	1.8 Crores	1.8 Crores
Lab Maintenance	20	2 Lakh	24 Lakhs	4.8 Crores
Library			50 Lakhs	50 Lakhs
Exam/Marks Card	2		25 Lakhs	50 Lakhs
Hostel Maintenance	3	15 Lakh	1.8 Crores	5.4 Crores
Workshops/ Conferences/ Events	10		3 Lakhs	30 Lakhs
Total				**44.5 Crores**

CURRENT STATISTICS

Rough Income Details/Year

Income Details	No	Avg Fees (₹)	Total Amount (₹)
Fees			
B.E/B.Tech (1st year) Admission	650*	40,000*	2.60 Crores
B.E/B.Tech (2nd year) Admission	430*	30,000*	1.29 Crores
B.E/B.Tech (3rd year) Admission	430*	26,000*	1.12 Crores
B.E/B.Tech (4th year) Admission	430*	25,000*	1.07 Crores
M.E /M.Tech (1st Year) Admission	350*	45,000*	1.57 Crores
M.E /M.Tech (2nd Year) Admission	300*	44,000*	1.32 Crores
PhD Admission (3 years approx)	150*	30,000*	1.35 Crores
Semester Exam Fees (2 times)	2000*	2090	0.83 Crores
Hostel Fees	1400*	20,000*	2.80 Crores
Consultation Fees (Civil Dept)			0.50 Crores
Total			**14.5 Crores**

* Approximate numbers; For Reserved Category students, Social Welfare Dept pays the fees

UVCEGA – NEXT STEPS

- We want to garner the attention of the alumni and make sure to build the momentum by creating a platform to "Give Back"

- We have around 720 registered members, and we need to work to increase the numbers. Calling for volunteers to help us by reaching out to you batchmates and asking them to be come members. Only with strength of numbers, a lot can be achieved.

- We will have 3 Committees, which will have experts alumni come up with short-term and long-term action items within a span of next 1 month. These suggestions will be again shared with everyone and will be acted upon accordingly.

Verticals - Groups

RESEARCH & INNOVATION

- What should be part of the curriculum so as to make sure that UVCE gets limelight?
- What are the niche areas that should be focused and which other institutions be reached out?
- How to cultivate the research environment in the college?

INDUSTRY & COLLABORATION

- How to involve the industries in the development of UVCE and what are the basic necessities?
- How to create a platform for industry experts?
- What are the various channels to get the students opportunity to learn & innovate?

FUNDING & BRANDING

- What are the various modes of raising funds – short term and long term?
- Identify ways to build a brand for UVCE – with autonomy in place.
- How to build faith, trust and create network of donors including the alumni?

IF YOU ARE INTERESTED TO BE PART OF THIS INITIATIVE

OR

IF YOU HAVE ANY SUGGESTIONS/ THOUGHTS

OR

IF YOU KNOW SOMEONE WHOM WE CAN REACH OUT TO

FEEL FREE TO TALK TO US - +91-9740111552 |

WRITE TO US – info@uvcega.org