

## **KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE**

**Minutes of the Governing Council Meeting held on 21 May 2021, between 11.00 to 13.30 Hours through Virtual Mode (MS Teams Platforms)**

### **Members Present**

<b>No.</b>	<b>Name</b>	<b>Category</b>	<b>Designation</b>
1.	Dr. B. K. Krishnaraj Vanavarayar, B.Com., B.L.	Member Nominated by Trust	Chairman
2.	Dr. M. Manickam, M.Sc., M.B.A.	Member Nominated by Trust	Vice Chairman
3.	Mr. M. Balasubramaniam, M.Com., M.B.A.	Member Nominated by Trust	Correspondent
4.	Mr. M. Srinivaasan, B.E., M.B.A.	Member Nominated by Trust	Treasurer
5.	Mr Shankar Vanavarayar, M.B.A., P.G.D.	Member Nominated by Trust	Jt. Correspondent
6.	Prof. C. A. Babu, Ph. D. Division of Electrical Engineering, CUSAT, Kochi .	UGC Nominee	Member
7.	Prof. K. Premalatha, Ph. D. Director – POSH Cell Department of Civil Engineering College of Engineering, Guindy Anna University, Chennai	University Nominee	Member
8.	Dr. M. Ezhilarasi, M.E. Ph.D., Associate Dean (Academic Compliance) & Head - School of Foundational Sciences, Kumaraguru College of Technology (KCT), Coimbatore	Faculty Member	Member
9.	Dr Vinohar Stephen Rapheal, M.Sc., Ph.D, Associate Professor, Department of Biotechnology, KCT, Coimbatore	Faculty Member	Member
10.	Dr. D. Saravanan, M.Tech., Ph.D. KCT, Coimbatore	Member Secretary	Principal
11.	Mr. G. Muniasamy, B.Tech., M.B.A. KCT, Coimbatore	Special Invitee	Executive Officer

## **Welcome Address and Introduction of the Members**

Dr.D.Saravanan, Principal, KCT welcomed the Members of the Governing Council, introduced the Management Team to the University and UGC Nominees and Prof. C. A. Babu, CUSAT, Kochi and Prof. K.Premalatha, Anna University, Chennai to the Management Team.

*Dr. D. Saravanan briefed on the appointment of himself as the Principal w.e.f. 18<sup>th</sup> January 2021, sought ratification of the appointment from the Council members and same was ratified.*

Principal gave a brief overview of KCT with respect to the programmes offered, NIRF Ranking, NAAC and NBA Accreditations, Autonomous status, Researcher Centres, Sports, Infrastructure, and other facilities.

## **Item No. 1 – Action Taken Report**

Action Taken Report with respect to the suggestions given by the Members of the Council during meeting held on 20 July, 2019 was presented.

*Approved by the Members.*

## **Item No. 2 – Institutional Details**

Principal presented activities carried out by the Institute during the period under the report.

### **(a) Programmes Offered by KCT**

A brief on the of list programmes offered by the institute along with the respective intake was presented by the Principal.

*New Academic Programmes started from the Academic Year 2020-21, B.Tech. – Artificial Intelligence and Data Science, M.E. - Construction Management and MBA – Innovation, Entrepreneurship and Venture Development were ratified.*

### **(b) Accreditation and Ranking**

Principal presented the status of NAAC and NBA Accreditation, followed by NIRF Ranking outcomes during the last five cycles. Principal briefed about the challenges faced by in NIRF including student diversity, non-inclusion of self-employed graduates, no-weightage for part-time Ph.D scholars and constrains in scoring under Perception Category.

Mr. M. Srinivasan, opined that a process may be evolved by the institution wherein the graduates going for family business/self-employment can be brought within the graduation outcomes so that score may improve under this category. Mr. Shankar Vanavarayar responded that efforts will be made to explore the possibility on this ground.

Prof. Premalatha suggested that institute can represent to NIRF for inclusion and giving proper weightage for those students who are going for self-employment / family business.

Prof. Babu suggested that the institute can offer institute Stipend Schemes to attract full-time research scholars which will help in research outcomes and publication.

### **(c) Institutional Recognitions**

Recognitions received from DSIR – SIRO, DST – FIST and Awards received from Anna University – IPR Award 2019 and AICTE – *Utkrisht Sansthan Viswakarma* Award (USVA) 2019 were presented to the Members.

### **(d) Statutory Meetings**

Principal briefed about the Academic Council and Finance Committee Meetings held since last meeting with key points discussed.

*Minutes of the 18<sup>th</sup> and 19<sup>th</sup> Academic Council Meeting and Finance Committee Meeting were approved by the Members of the Council.*

## **Item No. 2 Students and Student Activities**

### **(a) and (b) Admission and Quality of Students**

The Principal presented the statistics of admission and graduation outcomes of the current academic year in comparison with last five years. He also expressed the challenges in admission faced by the institute – due to multiple counselling for Medical / Agri related programmes and subsequent withdrawals / dropouts from the institute.

Prof. Premalatha and Dr. Babu opined the declining in engineering admission is a general trend observed across India. Prof. Premalatha opined that if Medical and Agri counselling are conducted prior to engineering admissions, the dropouts from KCT like institutions will come down.

### **(c) Student Scholarship Schemes**

Dr Saravanan gave a brief on the Management Scholarships like Mahatma Gandhi Merit Scholarships, Financial Assistance extended to economically weaker students, free education for meritorious students from Government Schools.

Prof. Premalatha and Prof. Babu appreciated the efforts in offering scholarships and fee waiver schemes.

### **(d) – (i) Students' Performance**

Principal presented a brief about student support systems like Re', iQube and Garage. He informed that KCT students have designed and developed a 3-D printer of 1.5 meter size, which is unique in this zone.

*Members of the Council appreciated the efforts made by the students and the sustained effort to maintain the Zonal Winners in the Sports and Games.*

### **Item 4 – Faculty and Staff**

Principal briefed about the quality of faculty in terms of research outcomes, publications and patents. The information has been noted.

Dr. Saravanan highlighted the activities of Kumaraguru Centre for Industrial Research and Innovation (KC.IRI) and the current research projects carried out for DRDO / DRDL with a project outlay of about Rs.50 lakhs.

Details of the Awards and Recognitions received by the Faculty Members were presented to the Members.

Dr Babu suggested to institute few incentive schemes to motivate the faculty members to carry out quality research and publications.

### **Item 5 to Item 8**

Dr. Saravanan gave a brief about the activities of Sakthi Excellence Academy – Sponsored PG Diploma in Design Engineering, Diploma in Design Engineering Programmes offered to M/s Cameron, a Schlumberger company based in Texas, USA.

Activities of Forge – Innovation & Incubation Centre promoted by KCT with financial support from DST, were discussed.

Budget for the financial year 2020-21 was presented with major expenditure heads and activities.

*Members appreciated the activities of SEA, Forge, Institutional Social Responsibility Activities and Alumni Interactions.*

### **Concluding Remarks**

Subsequently, the Principal presented the *Way Forward* for the next two years - curriculum revision matching NEP expectations, efforts towards faculty and student diversity, NAAC Accreditation and the intention for setting up of Centre of Excellence in Chromatography, Microscopy, Materials and Composites and long term focus to become a Top 50 institution in NIRF.

Dr. Babu appreciated the Institute for various achievements. He has also indicated that as per UGC requirements, the Governing Council should meet at least two times in an academic year and suggested that KCT should plan for GC meeting every 6 months. He also suggested that the names of the Governing Council members be published in the website of the Institute.

Prof. Premalatha opined that Centres of Excellences and Research facilities at KCT are comparable with that of many premier institutions and suggested that institute should facilitate effective utilisation of facilities by students and faculty. She suggested that KCT should establish a unique lab where facilities may be extended to students and faculty of institutions in Tamil Nadu.

*Principal responded that KCT will work on these aspects.*

### **Vote of Thanks**

Dr M Ezhilarasi, Associate Dean – Academic Compliance proposed vote of thanks and also promised that the suggestions of the Members of the Council will be taken up for implementation in the coming months..

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**Minutes of the Meeting of the Governing Council held on 20<sup>th</sup> July 2019 at the Committee Room, Dr.Mahalingam Vigyan Bhavan, Kumaraguru College of Technology, Coimbatore – 641 049.**

**Members Present :**

- |   |                         |
|---|-------------------------|
| 1. Dr. B.K. Krishnaraj Vanavarayar, B.Com., B.L.,<br>Chairman, KCT  |                         |
| 2. Dr.M. Manickam, M.Sc., MBA.,<br>Vice Chairman, KCT               |                         |
| 3. Mr.M.Balasubramaniam, M.Com., MBA.,<br>Correspondent, KCT        |                         |
| 4. Mr. Shankar Vanavarayar, MBA., PGD.,<br>Joint Correspondent, KCT |                         |
| 5. Prof. B. R. Chahar, Ph.D.,<br>Professor, IIT, New Delhi          | UGC Nominee             |
| 6. Prof. A.Rajadurai, Ph.D.,<br>Professor, MIT, Chennai             | Anna University Nominee |
| 7. Prof .Prema.M, MCA.,<br>Vice Principal, KCT                      |                         |
| 8. Prof. Senthil.J, Ph.D.,<br>Principal                             | Member Secretary        |
| 9. Mr.G. Muniasamy, B Tech., MBA.,<br>Executive Officer             | Special Invitee         |

The members from AICTE and Govt. of Tamil Nadu could not be present due to unavoidable reasons.

**Proceedings**

1. Principal Dr.J.Senthil welcomed the members for the Governing Council meeting. Also introduced the UGC and Anna University nominees Prof.B.R.Chahar and Prof.A.Rajadurai to the management.
2. Principal made a presentation on the institution covering the following aspects
  - a) Institution
  - b) Faculty and Staff
  - c) Students
  - d) Industry Connect and Outreach
  - e) Looking Ahead

3. On the overview of the institution, Dr.Rajadurai suggested that the Alumni details can be broken into No.of UG Graduates, PG Graduates and Doctoral Graduates.
4. The minutes of the previous Governing Council and also Action Taken Report has been reviewed. It is noted that the institute has taken efforts in improving the research publications, budget utilisation and also performance of the students in the GATE examinations.
5. Admission data for 2018-19 has been reviewed and the members noted that students with high cut off (weighted average 182.00) have been admitted under Government Quota.
6. Admission under lateral scheme has been reviewed and noted that KCT has got good admission under lateral entry.
7. Dr.Rajadurai noted that good number of girl students (32%) have opted KCT for their studies.
8. Budget utilisation has been reviewed and noted that the utilisation in 2018-19 is satisfactory at 94% against 74% in the previous year.
9. KCT's performance in the NIRF ranking is reviewed and noted that KCT has improved the ranking to 77 in 2019 against 82 in the previous year.
10. Both Dr.Chahar and Dr.Rajadurai opined that there is scope to improve the perception index from the current 16. They also opined that perception index can be improved through more outreach activities. Also, students from other states, NRI and Foreign Nationals should be attracted, which will help in improving the perception index.
11. Members noted that the current NAAC accreditation is valid till December, 2021. Principal informed that action will be taken to get the next cycle of NAAC accreditation on time.
12. The note on the NBA accreditation efforts have been reviewed. It may be noted that as per the report NBA team is visiting KCT in Aug.'19 for 3 programmes and expected to visit KCT in Sept.'19 for another 5 programmes. Another 8 programme will go for NBA accreditation in 2020. Both Dr.Chahar and Dr.Rajadurai appreciated the efforts taken.
13. The UGC and Anna University nominees noted the recognition under SIRO by DSIR, IPR by Anna University and FIST by DST. They have suggested that KCT can submit more funding proposal to agencies namely DST, DST-SERB, MHRD, UGC, DRDO, DRDL, AICTE, DBT, ICMR, DAE, etc. and improve research activities.

14. Members also noted the improvements in Research Publications, Ph.D Scholars, Consultancy and Research grants.
15. The developments with respect to academic council meet has been reviewed and noted.
16. Members also appreciated the progress in academic outreach and the MoUs signed. During 2018-19, 23 MoUs have been signed against 10 MoUs in the previous year.
17. The suggestion of UGC and Anna University was noted regarding the recognition under Scientific and Industrial Research Organisation (SIRO) under Department of Science and Industrial Research (DSIR). Based on the above, the Governing Council approve our institution to approach and submit funding proposals to Science and Engineering Research Board, established under SERB Act, 2008, Department of Science and Technology, Government of India and to procure funds for the related Academic / Research activities of our institution and authorise the Principal to prepare, execute and deliver the documents required in this regard and to represent on behalf of our institution and to receive the funds from the respective agency.

### **Faculty and Staff**

1. The data on faculty have been reviewed and noted. Out of 43 new faculty joined during 2018-19, 23 where with industry experience.
2. HR Policies, Employee Engagement activities and Staff Welfare Schemes were reviewed and noted.

### **Students**

1. Result analysis for the past 5 outgoing batches have been reviewed. It was noted that the graduation percentage for the 2014-18 has been less (84%) compared to other 4 batches (more than 90%). Principal has clarified that the reason for the lower % of graduation by 2014-18 batch was due to the fact that this batch was the first batch under the Out-come Based Education (OBE) scheme. Corrective measures have been taken subsequently and the graduation percentage of 2015-19 batch has improved.
2. Members reviewed the reforms under Curriculum and Regulations. It was noted that the following major reforms have been introduced in the various regulations which are currently in place.

#### **Regulations – 2014**

- OBE was introduced

#### **Regulations – 2015**

- Choice Based Credit System (CBCS) and open electives (Flexible and Comprehensive Learning Framework - FCLF) were introduced.



### **Regulations – 2017**

- Grouping of electives, Professional certifications, Summer Winter track, etc. were introduced.

### **Regulations – 2018**

- Subjects grouped into 3 domain areas
  - Engineering clinics / project based learning was introduced
3. Members reviewed the various reforms introduced in the examination process like
    - Dummy Numbering System
    - OMR based evaluation
    - Question Paper setting
    - External Audit and Re-valuation
    - Communications to the parents on attendance and test performance
  4. The presentation on Training and Placement has been reviewed and noted.
  5. The activities of Alumni Association have been reviewed and noted.
  6. Members appreciated the improvement in GATE qualifications. It was noted that 116 students have qualified GATE in 2019 against 26 in 2018.
  7. Members also appreciated the students' performance in GRE, CAT, UPSC / TNPSC exams and training given on Foreign language.
  8. The details of scholarship given to the students have been reviewed. Prof.Rajadurai suggested to segregate the scholarships from government and private bodies separately. It was also suggested that institute should try to bring in more corporates to provide scholarships to the students.
  9. The committee reviewed various students research centres like iQube, Garage, Re, etc.
  10. The committee also reviewed the research activities of Kumaraguru Industrial Research and Innovation Centre (KC.IRI) and appreciated the efforts.
  11. Committee reviewed and appreciated the ProtoSem programme offered by Forge, the incubation centre sponsored by KCT and DST.
  12. The members appreciated the concept of industry mentors who are engaged to guide the students undergoing ProtoSem programme at Forge.
  13. Members appreciated the activities under various clubs and also congratulated KCT for winning overall championship under Zone II for the 6<sup>th</sup> consecutive year. Prof.Rajadurai has asked us to convey their appreciation to the Physical Director and his team.

14. Members also appreciated KCT students' participation in the Republic Day parade 2019.

### **Industry Connect and Outreach**

1. Members reviewed the outreach initiatives undertaken through Sakthi Excellence Academy (SEA).
2. Members noted and appreciated the PG Diploma in Design Engineering and Diploma in Design Engineering programmes being conducted for Cameron, a Schulenburg company, which is a major company operating in Oil and Gas field. These are unique programmes to meet Cameron's specific needs.
3. Members also appreciated the initiatives under Kumaraguru Action for Relief and Empowerment (KARE) which has done relief activities during Kerala Flood and Kaja Cyclone in Tamil Nadu during 2018.
4. Members also reviewed the activities under sustainable development initiatives.
5. Prof.Rajadurai suggested to quantify the water usage data in terms of internal and external sourcing. Ultimate aim is to reach sustainability in terms of water usage that is zero sourcing of water from outside.

### **Action Taken Report**

1. Members reviewed the plans – efforts under NBA Accreditation, NABL Accreditation, Industry Accreditation, etc.
2. Prof.Chahar opined that once the Institute obtains NBA Accreditation for all the eligible programmes and with good NAAC score, UGC's visit for autonomous renewal may not be mandatory.
3. Prof.Chahar enquired whether any conference have been conducted during 2018-19. Principal responded saying that KCT has organised an International Conference on Higher Education in February, 2019 and also a National Conference in June, 2018.
4. Dr.Rajadurai suggested that the institute may set specific goals / targets in terms of NIRF ranking, converting some labs into Centre of Excellence focussing on identified areas etc. and plan and work towards achieving the same.

The meeting ended with Vote of Thanks by the Principal.

**Minutes of the Meeting of the Governing Council held on 2<sup>nd</sup> July 2018 at the Committee Room, Dr. Mahalingam Vigyan Bhavan, Kumaraguru College of Technology, Coimbatore – 641 049.**

**Members Present :**

1. Dr. B.K. Krishnaraj Vanavarayar, B.Com, B.L.,  
Chairman, KCT
2. Dr.M. Manickam, M.Sc., M.B.A.,  
Vice Chairman, KCT
3. Sri.M.Balasubramaniam, M.Com, M.B.A.,  
Correspondent, KCT
4. Sri. M. Srinivaasan, B.E., M.B.A.,  
Treasurer, KCT
5. Mr. Shankar Vanavarayar, MBA., PGD.,  
Joint Correspondent, KCT
6. Prof. V.Raju, Ph.D.,  
President, KCT
7. Prof. B. R. Chahar, Ph.D.,  
Professor, IIT, New Delhi  
UGC Nominee
8. Prof. A.Rajadurai, Ph.D.,  
Professor, MIT, Chennai  
Anna University Nominee
9. Prof .Prema.M, MCA,  
Vice Principal, KCT
10. Prof. Senthil.J, Ph.D.,  
Principal  
Member Secretary
11. Mr.G. Muniasamy, B Tech, MBA,  
Executive Officer  
Special Invitee

**The members from AICTE and Govt of TN could not be present due to unavoidable reasons**

**Proceedings**

1. President Prof. Raju welcomed the members for the Governing Council meeting which is the first combined meeting of the earlier Governing Council and Governing Body.

Prof Raju also introduced the UGC and Anna Univ nominees – Prof B R Chahar and Prof A Rajadurai to the management.

2. Prof. Senthil, Principal had a presentation on the following heads :
  - a) A brief on KCT covering Academics, Research, Co and Extra-curricular activities
  - b) A brief profile of the management and also the profile of the UGC & Anna Univ members.
  - c) Vision and Mission of the Institute.
3. The main presentation was under three heads
  - a) Institution
  - b) Faculty and Staff
  - c) Students

**a) Institution:**

The presentation on the institution covered the following:

- a) Admission Data for the past 3 years
- b) Academic Budget & utilization for the past 2 years and budget for 2018-19.
- c) Quality and Ranking Analysis – NIRF, NAAC, NBA, etc.
- d) R & D, Publications, Patents and Consultancy Activities
- e) CSR Initiatives
- f) Outcome of the Academic Council, Board of Studies and Finance Committee meetings during 2017-18.
- g) KC.IRI, CEAD, FORGE, MoU and outcomes
- h) Infra Development

**b) Faculty and Staff:**

Presentation on faculty and staff covering the

- a) HR amendments and approvals
- b) Recruitment and Separations
- c) Staff Welfare plans

**c) Students:**

The presentation on students covering the

- i) Result Analysis
- ii) Training and Placement activities
- iii) Alumni Association Activities
- iv) Student Scholarships
- v) Student Research Projects
- vi) Value Added Courses – GATE, CAT, UPSC, Language, etc.
- vii) Club, Physical Education, NCC, NSS etc.
- viii) Students Feedback

**d) The last part of the presentation had the plan & outlook for the coming year.**

### **Major Noting:**

e) The major changes approved by the Academic Council are:

- 1) Introducing Engineering Clinic.
- 2) Reduction of overall credits from 180 + to 150+.
- 3) FORGE (Cibi) has been selected by MHRD as one of the 10 innovation centres and also FORGE has conducted the Hardware Edition of Smart India Hackathon during the 3<sup>rd</sup> week of June 2018.
- 4) Mahatma Gandhi Central Library has been renovated and inaugurated by Honorable Governor of Tamil Nadu in March, 2018.
- 5) It is noted that 2014-18 is the first batch under OBE. It was observed that this batch had difficulties in the initial Semesters which were reflected in the pass out %. However, the students had picked up in the subsequent Semesters and the pass out % has improved to 94% in the 8<sup>th</sup> Semester.
- 6) The placement statistics have been reviewed and it was noted that there is a reduction in placement ratio. One of the reasons attributed to this is in slowdown in recruitment by the IT & ITeS industries, who otherwise are the major recruiters.
- 7) The members noted and appreciated that the team from Biotechnology has won the 1<sup>st</sup> prize in the World Food Hackathon meet in November 2017 and the award was received from the Honourable President of India.

### **Observations from the members :**

#### **PG Admission**

- 1) Prof. Chahar noted that the admission in the PG (Engg) programs have come down. He has emphasized that to improve research activities; there is a need to increase the admissions in PG courses.

Principal Prof. Senthil has clarified that one of the reason for reduction in PG admissions is that the consolidation of engineering education in the state leading to closer of institutions and also there is not many new institutions being setup resulting in lesser demand for the faculty positions.

Also, clarified that the management has put in a scholarship schemes to attract more students into PG courses. Salient features of the scheme are

- i. Complete Fee waiver for students with GATE score.
- ii. In addition, Management stipends for students with GATE score.
- iii. 50% fee waiver for KCT alumni and students with industry exposure.

Prof. Rajadurai pointed out that in the days to come, there will be a need for Accreditation of the PG courses to ensure the students with GATE getting stipend from Govt. of India / AICTE.

### **New UG Program (BE – ISE)**

- 2) Prof. Rajadurai sought to know, why there is new BE program in ISE, when there is a B.Tech program in IT already.

Principal Prof. Senthil clarified that KCT tried for B.E programme in Data Science but the nomenclature was not available with AICTE. Hence, the B.E (ISE) has been proposed. This course is different from B.Tech IT to the extent that this will focus more on Data Science, Machine Learning, Artificial Intelligence and the latest happening in the IT industry.

### **NIRF Rankings**

- 3) Prof. Chahar noted that KCT's standing in the NIRF ranking is good so far. However, KCT should improve the score under peer perception. This would require more efforts on outreach programs.

### **Coffee Table Book on Distinguished Alumni**

- 4) Prof. Rajadurai appreciated the effort in bringing out the 'Coffee Table Book' on the distinguished alumni. He suggested that the names of few distinguished alumni and their achievements be put on the website and also should have mentioned in the presentation by the Principal.

Prof. Chahar also appreciated this book on the distinguished alumni.

### **Budget for Academic Infra**

- 5) Prof. Chahar appreciated the management in providing considerable funding for Academic Infra, but opined that the departments should have used this fully.

Principal Prof. Senthil clarified that the management has approved the budget in the initial months. However, later, few departments have decided to go for an industry sponsored lab and the discussions are going on for a formal tie-up with the perspective sponsoring industries and hence the utilization of few departments has been low. The unspent amount has been provided in the proposed budget and we would ensure that the departments utilize the budget fully in 2018-19.

### **Students Performance in GATE**

- 6) Prof. Chahar also noted that the number of students qualified in GATE is low and there is a need to emphasis that GATE is not only for higher studies but it is also the gateway for recruitments by many public sector undertakings.

Joint Correspondent has clarified that KCT has taken serious efforts in the past two years towards GATE preparations and emphasis would be given to ensure more students are getting trained for GATE and qualified.

### **Weightage for End Semester Exam**

- 7) Prof. Rajadurai observed that reducing the weightage for end Semester exam may not be taken well by the industry. The perception at present is that any practical course is not really vigorous.

It is suggested to preserve higher weightage for theory part and enquired whether there is any minimum passing requirement in the end Semester exams. Prof. Senthil clarified that there is a weightage for end Semester exams, which is at 50%.

### **Self Study Process**

- 8) Vice Chairman had a point that the universities in US emphasis more on self-study and the same approach can be tried at KCT.

Prof. Chahar also emphasized importance of self-study.

Chairman asked Prof. Chahar about the practice and process at IITs.

Prof. Chahar clarified that IITs follow lot of self-study process.

Prof. Rajadurai opined that self-study process is efficient in the case of small classes but will be difficult if the class strength is 60 plus.

### **Faculty Cadre Ratio:**

- 9) Prof. Rajadurai suggested that the presentation can have the faculty strength with cadre ratio split up.

The Correspondent clarified that this aspect is being reviewed by the management often in the internal management committee meetings.

Principal Prof. Senthil clarified that the Cadre ratio is as per AICTE norms and noted that this data would be provided in the future presentations.

### **Faculty Development**

- 10) Prof. Chahar suggested that the faculty need to be motivated to focus on research and also suggested financial assistance for Ph.D scholars.

Prof. Rajadurai suggested that the faculty should be encouraged to travel overseas for paper presentation, conference participation, etc.

Prof. Chahar also suggested that the faculty to be encouraged to visit abroad to overseas universities to understand the happenings and broaden their approach.

Prof. Raju clarified that we had put in a policy on faculty development which covers the financial support for the overseas travels of the faculty.

### **Whether KCT can become University**

11) At this stage, Chairman asked the external members whether KCT can become a University.

Prof. Chahar opined that the existing infrastructure is good; far better than many institutions but the following areas - faculty quality, research and consultancy activities are to be strengthened before becoming University.

Prof. Rajadurai also suggested evaluating the inner potential of the faculty and other aspects before converting into university. He has opined that the sustainability would be a critical factor to be studied before converting into university.

Prof. Rajadurai emphasized that to be successful a university need to be more plural in terms of more students from outside state and also abroad. Similarly, more faculty should be recruited from outside the home state.

### **State University**

12) Prof. Chahar observed that many of the States have policies to establish state universities and KCT can think in those terms.

Chairman has clarified that Tamil Nadu is yet to legislate the policy on the state university. Once the policy is in place, KCT will look into.

### **Kumaraguru Institutions**

13) Chairman observed that under the Kumaraguru banner, we have two more institutions.

- a. Kumaraguru Institute of Agriculture, affiliated to TNAU
- b. Kumaraguru College of Liberal Arts and Science, affiliated to Bharathiar University.

### **Research & Publications**

14) Prof. Chahar emphasized that the future focus should be more on research. Research should bring out concrete outcome, which will automatically lead to funding.

Prof. Raju clarified that during the past 3 months, we had made an attempt to trigger the faculty towards the publications of their research projects. Within a short span of three months the faculty has come out with 600 plus papers and the same were published in an international conference held at KCT during June 2018. He has further observed that there is a potential to make this four folds in the coming years.

Prof. Rajadurai observed that in addition to the publication, KCT should look for inner strength of the faculty.



### **Faculty Retention**

15) It was noted that the faculty retention is at 78% during 2017-18.

Prof. Chahar emphasized the importance of retaining good quality faculty.

Prof Rajadurai observed that the faculty should also be empowered and encouraged to teach new methodology.

### **Focus Areas**

16) Chairman suggested that the management team should identify 10 major areas where we need to concentrate before we move towards becoming university.

Prof. Rajadurai suggested that the management should meet the HODs ask them to come out with their ideas or the areas for the improvement. The HODs and faculty need to be emphasized in taking up ownership.

### **Summary**

17) Prof. Raju summarized that overall; we are satisfactory with faculty strength but teaching methodologies and the research need to be trigger further.

### **Partnership & Outreach**

18) Partnership with industry and international universities need to be strengthened.

### **Action Taken Report**

In the Governing Council meeting held on 2<sup>nd</sup> July, 2018, the following areas were identified for improvement.

1. To improve PG admissions, the following measures were taken :

- a) Fee waiver for GATE qualified students
- b) Fee concession for alumni students
- c) Fee concession for industry experienced students

This has improved the PG admissions to 132 in 2018-19 against 80 last year.

2. Academic budget is being utilized to the maximum extent. The budget and the usage for the past 3 years are below :

<b>Year</b>	<b>Budget</b> (Rs. in Lakhs)	<b>Usage</b> (Rs. in Lakhs)	<b>% of Usage</b>
2016-17	1202	941	78%
2017-18	1297	962	74%
2018-19	1260	1185	94%

- 3. Awareness programmes on the importance of GATE qualification is conducted. Also coaching for GATE has been arranged through external vendors. In the last GATE examination (2019), 116 of our students have qualified.
- 4. To improve the research publication, two International Conferences have been organized in June, 2018 and February, 2019 wherein 965 research papers have been presented. The selected papers are published in reputed journals.
- 5. To enhance Industry Institution partnership, lot of efforts have been taken. During the current year, 23 new MoUs have been signed (July 2018 to June, 2019) with industries against 19 in 2017-18.

**Minutes of the Meeting of the Governing Council held on 25<sup>th</sup> January 2017 at Sakthi Sugars Ltd, 180, Race Course Road, Coimbatore – 641 018.**

Minutes of the Meeting of the Governing Council of Kumaraguru College of Technology, Coimbatore held at 3.30 p.m. on Wednesday, the 25<sup>th</sup> January, 2017 at Sakthi Sugars Ltd, 180, Race Course Road, Coimbatore – 641 018.

Members Present

Chairman:

Dr. B.K. Krishnaraj Vanavarayar, B.Com, B.L.,  
Chairman,  
Bharatiya Vidya Bhavan,  
582, DB Road, RS Puram, Coimbatore – 641 002.

Members (Management):

Dr.M. Manickam, M.Sc., M.B.A.,  
Vice Chairman & Managing Director,  
M/s Sakthi Sugars Limited,  
180, Race Course Rd, Coimbatore - 641 018.

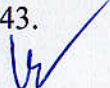
Sri.M.Balasubramaniam, M.Com, M.B.A.,  
Correspondent, Kumaraguru College of Technology,  
No.27. Rukmani Nagar,  
Ramanathapuram, Coimbatore -641 045.

Sri. M. Srinivasan, B.E., M.B.A.,  
Managing Director, Sri Chamundeeswari Sugars Ltd.,  
76, Ulsoor Road, Bangalore - 560 042.

Mr. Shankar Vanavarayar, B.Com, MBA, M.A(Leeds)  
Joint Correspondent,  
Kumaraguru College of Technology,  
Coimbatore – 641 049.

Eminent Professionals From Engineering & Technology

Mr. M. Settu, B.Com., M.B.A., FIMA  
Chief Executive, Syndicate Exports (P) Ltd.,  
24 Bharathi Park 3<sup>rd</sup> Cross, Coimbatore - 641 043.





Academicians of Excellence

Prof.Dr.G.Thiruvassagam,  
Vice-Chancellor,  
University of Madras,  
Chennai – 600 005.

Special Invitee

Sri.G.Muniasamy  
Executive Officer  
Kumaraguru College of Technology  
Coimbatore – 641 049.

Member Secretary (Ex-officio)

Dr R S Kumar, BE (Hons) M.Tech. Ph.D.  
Principal  
Kumaraguru College of Technology  
Coimbatore – 641 049

The following members could not be present due to unavoidable reasons

Members (Management)

Dr.K.Arumugam, B.E.(Hons) M.S. (USA), M.I.E.,  
Vice Chairman, Kumaraguru College of Technology,  
52, Nachimuthu Gounder Street, Pollachi - 642 001

Thavathiru Kumaragurupara Swamikal,  
President, Gowmara Madalayam,  
Chinnavedampatti, Coimbatore - 641 006

Eminent Professionals From Engineering & Technology

Dr. K.K.Narayanan, Ph.D  
Managing Director, Metahelix life Sciences Pvt.Ltd,  
Plot No.3, KIADB Industrial Area IV Phase  
Bommasandra , Bangalore-562 158.

Thiru.N.Ramani, M.Tech,  
37, College Road, 5<sup>th</sup> Cross,  
Oddakadu, Tirupur-641 601.

Prof.N.R.Shetty, Ph.D  
President ISTE,  
SA2,G2, Kumaradhara Block,  
Vijiya Enclave, Sundiram shetty Nagar,  
Opposite Bannerghatta Rd, Bangalore-560 076.

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### Academicians of Excellence

Dr.C.R.Muthukrishnan, Ph.D  
A3, Dhruva Nivas, 23, South Mada street,  
Srinagar colony, Saidapet, Chennai-600 015

### Faculty From The University / Affiliated College

Dr.A.Ebinezer Jayakumar, Ph.D  
Director Academics, SNR & Sons charitable Trust  
Sri Ramakrishna Engineering College,  
Vattamalai Palayam, NGGO Colony,  
Coimbatore – 641 022.

### Member of the Central Government

The Southern Regional Officer  
AICTE Southern Regional Office  
Shastri Bhawan, 26, Haddows Road  
Nungambakkam, Chennai-600 006

### Member of the State Government

Dr.Esther Annlin Kala James  
Professor  
Dept. of ECE  
Government College of Technology  
Coimbatore – 641 013.

The Principal Dr R S Kumar made presentation highlighting the performance of the college during the year 2016-17.

- The members noted that the Regulations under OBE is in 3<sup>rd</sup> year of operation. The third year curriculum has been suitably revised to take care of the students who joined 1<sup>st</sup> year in 2014.
- The admission statistics have been reviewed and noted that the overall admissions have been satisfactory at 98.75% in UG programmes. However, it is noted that admissions in PG Engineering programmes have been showing a declining trend. It was only 50% during the year 2016-17 for PG (Engg) and MCA.
- The committee reviewed the placement data for the students passed out in 2016. It has been noted that in UG programmes 697 students have been placed out of 847 students who have registered for placement. However, the placement statistics for PG programmes have been poor. Only 93 students from MCA and PG Engineering



programmes have been placed out of 247 registered for placement. The Business School has reported 100% placement for all those students who had registered for placement.

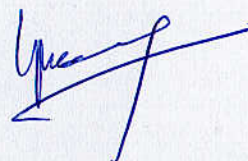
- The committee reviewed that the students' performance in the sports and extra-curricular activities. KCT has organized 27 events during the year and the students of KCT participated in 159 events in other institutions. Our students have won many Championships, Runner Up and III places in many events. Overall performance in the sports during the year is satisfactory.
- The activities from NCC, NSS, Mahatma Gandhi Study Centre, Swami Vivekananda Study Centre, Entrepreneurship Development Cell, Tamil Mandrum, Nature Club, Namadhu Pangu, etc. have been reviewed and noted.
- The Alumni Association have organized 9 events in various activities. The 15<sup>th</sup> Re-union for 2001 batch was organized during December, 2016.
- The committee noted that there are 114 Ph.D degree holders among the faculty and another 140 faculty members are pursuing Ph.D programmes.
- During the year 11 Research projects approved by the different funding agencies have been carried out amounting to Rs.130 lakhs. Further 21 research proposals amounting to Rs.595.15 lakhs have been submitted to various funding agencies. Management also funded 24 projects with the grant of 45 lakhs.
- The members noted that the faculties have published 417 research papers in various national and international journals. Also noted that the faculties have organized 293 and also attended 619 conferences, seminars and workshops.
- The members noted that Management scholarships to the extent of Rs.105.30 lacs has been disbursed under Mahatma Gandhi Merit Scholarship to 1057 KCT students. Also noted that Government of India / Government of Tamilnadu scholarships to the extent of Rs.450.44 lacs has been received by 2194 students during 2016-17.
- The Committee noted that the NAAC core team visited the campus on 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> November, 2016 and the results has been announced on 2<sup>nd</sup> December 2016. KCT has been re-accredited with 'A' grade valid for 5 years from 2.12.2016.
- The Principal Dr R S Kumar has provided clarifications for the various issues raised by the members.

The Member Secretary thanked the members for their valuable presence and suggestions.



### **Action Taken Report**

- During the year, we have installed a rooftop Solar Power Plant of 50 KVA capacity at B Block costing Rs.35 Lakhs.
- Propulsion and Combustion Lab has been set up at Aeronautical department in February, 2017.
- Dr.N.Mahalingam Chess Academy has been established at KCT during March, 2017 and was Inaugurated by Grand Master Shri.Viswanathan Anand on 21<sup>st</sup> March, 2017.
- High Speed Jet Lab has been set up at Aeronautical Department in May, 2017.
- Physical and Chemistry Lab have been renovated at a cost of Rs.27.69 lakhs.
- Two International Conferences ICWWM and ISTEP were organized and 205 manuscripts of the conference proceedings were published in the special issues of Scopus Indexed International journals.



EXECUTIVE OFFICER  
KUMARAGURU COLLEGE OF TECHNOLOGY  
COIMBATORE - 49



**Minutes of the Meeting of the Governing Council held on 20<sup>th</sup> October 2015 at Sakthi Sugars Ltd, 180, Race Course Road, Coimbatore – 641 018.**

Minutes of the Meeting of the Governing Council of Kumaraguru College of Technology, Coimbatore held at 4.30 p.m. on Tuesday, the 20<sup>th</sup> October, 2015 at Sakthi Sugars Ltd, 180, Race Course Road, Coimbatore – 641 018.

**Members Present**

The following members were present

1. Dr.B.K.Krishnaraj Vanavarayar	Chairman
2. Dr.M.Manickam	Member
3. Sri.M.Balasubramaniam	Member
4. Sri.M.Srinivaasan	Member
5. Mr.Shankar Vanavarayar	Member
6. Mr.M.Settu	Member
7. Prof.Dr.G.Thiruvassagam	Member
8. Sri.G.Muniasamy	Special Invitee
9. Dr.R.S.Kumar	Member Secretary

The following members could not attend the meeting due to unavoidable reasons.

1. Dr.K.Arumugam	Member
2. Thavathiru Kumaragurupara Swamigal	Member
3. Dr.K.K.Narayanan	Member
4. Thiru.N.Ramani	Member
5. Prof.N.R.Shetty	Member
6. Dr.C.R.Muthukrishnan	Member
7. Dr.A.Ebinezer Jayakumar	Member
8. Southern Regional Officer, AICTE, Chennai	Member
9. Dr.Esther Annlin Kala James, nominated by Commissioner of Tech. Education, DOTE	Member

- The Principal Dr.R.S.Kumar made presentation highlighting the performance of the college during the year 2015-16.
- The members noted that the Regulations under OBE is in 2<sup>nd</sup> year of operation. The second year curriculum has been suitably revised to take care of the students who joined 1<sup>st</sup> year in 2014.
- The admission statistics have been reviewed. It has been noted that there has been a unusual withdrawals of 1<sup>st</sup> year students due to the introduction of NEET (National Eligibility and Entrance Test) in Tamilnadu and delay in medical admission.





- The members noted that various departments submitted 11 research proposals to various funding agencies for total funding of Rs.349.06 lacs.
- The members noted that the faculties have published 413 research papers in various national and international journals. Also noted that the faculties have organized 193 and also attended 544 conferences, seminars and workshops.
- The members noted that Management scholarships to the extent of Rs.101.80 lacs has been disbursed under Mahatma Gandhi Merit Scholarship to 1021 KCT students. Also noted that Government of India / Government of Tamilnadu scholarships to the extent of Rs.378.50 lacs has been received by 2848 students during 2015-16.
- Financial support to the extent of Rs.6,24,450 lacs has been provided to 14 KCT students and also Rs.1,01,345 has been provided to 5 students, who are studying in other institutions during 2015-16.
- Members noted that all the works in the new Guest House has been completed and the facility is opened for usage.
- Principal reported that NBA team visited in December 2015 to CE, EEE, ECE, CSE and IT departments and granted the accreditation for the period from 1.1.2016 to 30.6.2019.
- The Principal Dr.R.S.Kumar has provided clarifications for the various issues raised by the members.
- The Member Secretary thanked the members for their valuable presence and suggestions.





### **Action Taken Report**

- All the faculty members have been trained to handle the subjects under OBE.
- With regards to the declining trend in PG admission, Principal has briefed that for the academic year 2016-17, a scholarship scheme to attract GATE qualified and academic achievers with high CGPA has been implemented. Under this scheme, 7 students have been benefitted with an outlay of Rs.3.47 lakhs spent during 2016-17. Further Rs.2.73 lakhs has been committed for 2017-18 for the same students.
- Towards lab upgradation, a budget of Rs.743 lacs was approved for the academic year 2015-16. An amount of Rs.661.37 has been spent in purchase of various lab equipments.
- The boys mess Vallalar Maiyam commenced operations from March, 2016 onwards. A formal inauguration was done by Shri.M.Venkaiah Naidu, Hon'ble Minister for Urban Development, Government of India.
- The girls mess 'Annai Sharada Maiyam' was inaugurated in November, 2016 by Shri Prakash Javadekar, Hon'ble Minister of Human Resource Development (MHRD), Government of India.
- New Guest House has been completed and the facility was opened in December, 2016 for usage.

  
EXECUTIVE OFFICER  
KUMARAGURU COLLEGE OF TECHNOLOGY  
COIMBATORE - 49