Sona College of Technology, Salem – 636 005
(An Autonomous Institution)
Fifteenth Academic Council Meeting

Date: 21.1.2022

Minutes of the Meeting

The Fifteenth Academic Council meeting was held on Wednesday 22nd December 2021 at 10.30 a.m. in Management Conference Hall 4th Floor by online mode.

The Chairman of the Academic Council Dr.S.R.R.Senthil Kumar, Principal welcomed the members of the academic council and gave a brief introduction about the academic council meeting. He thanked Anna University, Chennai for the permission order given to conduct the 15th Academic Council meeting through online.

The Member Secretary of the Academic Council, Dr.R.Shivakumar, presented the agenda of the Fifteenth Academic Council meeting to the members. The action taken report on the previous 14th Academic council meeting was also discussed.

The following were the items presented in the meeting.

The following points were discussed and approved during the meeting.

1. Approval for including NCC as a credited course in CBCS curriculum (not for CGPA calculation) under B.E / B.Tech Regulation 2019 from academic year 2021-2022 admitted batch onwards

2. Approval for modification done in Internal Assessment weightages for ODD semester 2021-2022 B.E/B.Tech programmes based on the guidelines issued by Anna University.

3. Approval for modifications in the clause regarding NPTEL elective course in the curriculum

4. Approval for transfer of credits for Internships in CBCS curriculum.

5. Approval for proposal to start new UG/PG programmes from Academic year 2022-2023 and their curriculum and syllabi.
   (i). B.E. - Computer Science and Design
   (ii). B. Tech. - Artificial Intelligence and Machine Learning
   (iii). M. Tech - Apparel Technology

6. Discussion on B.E / B.Tech programmes with Honours degree and Minor specializations in Emerging areas of Technology.

7. Approval for new proposals in MBA Programme

   (i). Modifications in Question paper Pattern under Regulation 2021

   (ii). Discussion on introducing a course (Management Practical Assessment) assessing the management capabilities of students.

   (iii). Industry immersion programme

Member Secretary-Academic Council
SONA COLLEGE OF TECHNOLOGY
SALEM - 636 005.

Dr. S. R. R. SENTHILKUMAR,
M. E (Struct), Ph. D, MISTE, AIV, MIE, C. Eng(I), MICI, MACI
PRINCIPAL
SONA COLLEGE OF TECHNOLOGY
JUNCTION MAIN ROAD, SALEM -636 005.

1

8. Approval of BOS meeting minutes pertaining to EVEN Semester 2021-2022 curriculum and syllabi under

(i). Regulation 2015R and 2019 of all B.E/B.Tech programmes.
(ii). Regulation 2019 for all M. E/ M. Tech Programmes
(iii). Regulation 2019 & 2021 for MBA Programme and Regulation 2020 for MCA Programme.

The following points were discussed and approved during the meeting.

1. **Approval for including NCC as a credited course in CBCS curriculum (not for CGPA calculation) under B.E / B.Tech Regulation 2019 from academic year 2021-2022 admitted batch onwards**
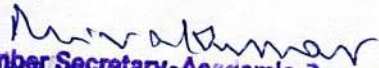
Dr.R.Shivakumar informed about the AICTE circular dated 26.4.2021 regarding introducing NCC as a General elective course with transfer of 24 credits in CBCS curriculum. Also, Anna University has introduced a NCC course in semester 2 of all UG departments for all affiliated colleges and also norms in the form of 80 hours of NCC activities, a camp of 7 days and 20 parades for NCC students. The grades scored by students will figure in mark sheet and shall not be considered for CGPA calculation.

Principal explained on the various NCC activities performed by our students from first year onwards and informed that credits transfer for NCC courses with inclusion of grades scored for CGPA calculation can be approved for giving motivation to NCC students.

Based on the discussion, the Anna University Nominees informed and approved that the NCC courses with credits can be offered from semester 3 onwards along with the norms of 80 hours of NCC activities, a camp of 7 days and 20 parades for NCC students. But the obtained grades will figure in mark sheet and shall not be considered for CGPA calculation.

2. **Approval for modification done in Internal Assessment weightages for ODD semester 2021-2022 B.E/B.Tech programmes based on the guidelines issued by Anna University.**

Dr.R.Shivakumar informed about the Anna University circular dated 20.11.2021 on scheduling all ODD semester end 2021-2022 examinations from 20.1.2022 onwards. Based on that, the internal assessment weightages were modified as a one-time measure for ODD semester 2021-2022 for all UG

Member Secretary-Academic Council
SONA COLLEGE OF TECHNOLOGY
SALEM - 636 005.

Dr. S. R. R. SENTHILKUMAR,
M. E (Struct), Ph. D, MISTE, AIV, MIE, C. Eng(I), MICI, MACI
PRINCIPAL
SONA COLLEGE OF TECHNOLOGY
JUNCTION MAIN ROAD, SALEM -636 005.

2

programmes. The 5 marks prescribed for attendance in the internal marks weightage will be taken from the marks scored by students in Model examinations. The other components in the existing internal assessment are not modified in this case.

Based on the discussion, the academic council members gave approval for the modifications done in the internal assessment weightages for ODD semester 2021-2022, as a one-time measure.
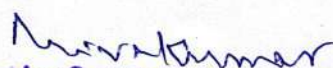
3. Approval for modifications in the clause regarding NPTEL elective course in the curriculum

As per Clause 12.3.5 in B.E / B.Tech Regulation 2019, Students of fifth semester (all UG departments) shall study a course offered by NPTEL (as a mandatory professional elective course) in his/her curriculum.

Also, If a student gets FAIL marks in the proctored exam conducted by NPTEL, the assignments scored by him/her in NPTEL course shall be retained as his /her Internal Assessment marks (marks scored out of 25 will be converted to marks out of 40) and he/she shall appear for an examination conducted by college.

Dr. Akilandeswari, Dean – Academics informed about inclusion of additional points in this clause.

- The failed students having internal assessment marks more than 10 (out of 25 marks) have to appear for the above mentioned examination conducted by college.
- For the students who appear for the examination conducted by the college immediately after the NPTEL exams, it will be considered as an appearance and not as arrear. However, if the students fail in that examination, they shall appear for the examination in the subsequent semesters as arrear.
- The students with internal assessment marks less than 10 (out of 25 marks), shall redo the NPTEL course (same or any other NPTEL course recommended by DCC concerned) in the subsequent semesters.

- If a student wants to absent himself/herself from NPTEL due to genuine reasons (medical / representing institution for any event), he/she has to take proper approval from Principal through CC/NPTEL coordinator, HOD and Dean Academics. The same data is to be forwarded to COE and overall NPTEL coordinator.
- If a student is absent for a NPTEL exam without prior approval from Principal, he / she shall redo the course offered by NPTEL (either the same course or a different course recommended by DCC).

Member Secretary-Academic Council
SONA COLLEGE OF TECHNOLOGY
SALEM - 636 005.

Dr. S. R. R. SENTHILKUMAR,
M. E (Struct), Ph. D, MISTE, AIV, MIE, C. Eng(I), MICI, MACI
PRINCIPAL
SONA COLLEGE OF TECHNOLOGY
JUNCTION MAIN ROAD, SALEM -636 005.

3

Dr.R.Shivakumar informed about Mr. R.Sivaranjithkumar, B.Tech Fashion Technology student, admitted in 2016 under Regulation 2015R. The student was discontinued twice and readmitted in fifth semester (ODD 2021-2022) under Regulation 2019. Due to delay in DOTE approval for readmission, he didn't register for the Professional elective- I (NPTEL course) in fifth semester.

Based on the discussion, the academic council members gave approval for the above mentioned modifications made in the clause regarding NPTEL elective course in curriculum. Also, approval was given for the student Mr. R.Sivaranjithkumar to register and study a DCC- FT approved 3 credit NPTEL course in the forthcoming sixth semester.

4. Approval for transfer of credits for Internships in CBCS curriculum.

Dr.J.Akilandeswari informed about the proposal for Internship based industry immersed programme in CBCS curriculum. This option can be implemented for 4th and 5th semester students so that year long students will be engaged every year. The number of hours put in by the students in the project can be noted.

She also explained that in order to give benefit to the students in the academic side apart from getting stipend, credits can be transferred to one professional elective course (3 credits) and / or one mini project (max 2 credits) depending on number of hours spent by the students.

Already in Regulation 2019, credits transfer is there for 2 elective courses one for NPTEL course and another for industry offered course. Once the selected students finish their project during 5th semester, the transfer will happen during their 6th and 7th semester. This will make students commit themselves to finish the projects given to them.

The programme can be implemented from February 2022 itself for the current batch of students (i.e). Applicable for 2021 admitted batch students under 2019 Regulation.

Mr. Thyagu Valliappa, Vice Chairman informed that the proposed model will reduce the placement training hours and students will get more industry exposure during his / her period of study.

Dr.Ganeshmadhan, Anna University nominee asked about the assessment procedure for Internship based industry immersed programme. Dr.J.Akilandeswari replied that the assessment is same as that of mini project / project work (i.e) three reviews will be conducted during the project work and a viva-voce will be conducted at the end of project work.

4

Based on the discussion, the academic council members gave approval for transfer of credits for internships in CBCS curriculum.

5. Approval for proposal to start new UG/PG programmes from Academic year 2022-2023 and their curriculum and syllabi.

Principal informed about the proposals planned to apply for AICTE to start three new UG / PG programmes from Academic year 2022-2023 onwards. The new programmes are:

(i). B.E. - Computer Science and Design

(ii). B. Tech. -Artificial Intelligence and Machine Learning

(iii).M. Tech - Apparel Technology

Principal informed that curriculum and syllabi for the three new programmes were discussed in the BOS meetings concerned and the boards had given recommendation for Academic council approval. He also informed that already the proposal to start four B.E / B.Tech programmes from academic year 2020-2021 was approved in the 13th Academic council meeting of our college during 28.12.2020. The programmes are:

1. B.E – Mechanical and Smart Manufacturing
2. B.Tech- Electric Mobility and Smart Systems
3. B.Tech – Wearable Technology
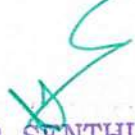4. B.E- Building Information Modelling and Infrastructure Engineering

The approved curriculum and syllabi for the 4 programmes were submitted to AICTE and Anna University during Jan / Feb 2021. But the approval was not given for the proposed programmes during 2020-2021. The Anna University nominees informed that the proposal can also be sent to AICTE and Anna University for academic year 2021-2022.

Based on the discussion, the Academic Council members gave approval for the proposal to start the seven new UG / PG programmes mentioned above from 2022-2023 onwards and also approved the curriculum (all semesters) and syllabi (for semester 1) of the seven new programmes proposed.

6. Discussion on B.E / B.Tech programmes with Honours degree and Minor specializations in Emerging areas of Technology.

Principal informed about the AICTE circular on HONOURS degree with Major-Minor specialization details [F.No. AICTE / AB/WR/EAT/2019-20, dated 13.11.2019]. Also, recently Anna University Vice-chancellor has informed that the

Member Secretary-Academic Council
SONA COLLEGE OF TECHNOLOGY
SALEM - 636 005.

Dr. S. R. R. SENTHILKUMAR,
M. E (Struct), Ph. D, MISTE, AIV, MIE, C. Eng(I), MICI, MACI
PRINCIPAL
SONA COLLEGE OF TECHNOLOGY
JUNCTION MAIN ROAD, SALEM -636 005.

5

students who join engineering courses in Tamilnadu in 2021-22 can earn B.E, B.Tech degrees with honours in four years by clearing six additional courses or 18credits. They can also earn minor degrees in other branches by earning 18 credits over and above the total credits of the programme.

Dr.R.Baskaran and Dr.G.Umadevi informed that the Honours degree with specialization in emerging areas of Technology will be a better opportunity for engineering students.

Principal informed that all departments will coordinate in teaching emerging technology courses for students and will implement the same as soon as Anna University inform the required guidelines for the same.

Based on the discussion, Academic council members gave approval to implement the requirements for Honours degree with Minor specializations after getting proper guidelines from Anna University.

7. Approval for new proposals in MBA programme under Regulation 2021.

(i). Approval for modifications in question paper pattern for MBA programme under Regulation 2021.

Dr.Anjani, HOD- MBA explained about the proposed modifications in the existing Continuous Internal Assessment Examination (CIE) and Semester end examination (SEE) for MBA programme under Regulation 2021. The proposed modifications are given in the following 2 tables.

CIE Question Pattern (50 Marks, 1Hours 30 minutes)			Proposed CIE Question Pattern (60 Marks 2 hours)		
Sec	Pattern	Marks	Sec	Pattern	Marks
A	4 Questions to be answered out of 5	4 x 5 = 20	A	Answer All	3 x 4 =12
B	3 Questions to be answered out of 4.Question No 6 is compulsory (Case let)	3 x 10=30	B	Answer All Either or Choice, (One Question is a case study)	3 x 16=48
Total Marks		**50**	**Total Marks**		**60**

Dr. S. R. R. SENTHILKUMAR,
M. E (Struct), Ph. D, MISTE, AIV, MIE, C. Eng(I), MICI, MACI
PRINCIPAL
SONA COLLEGE OF TECHNOLOGY
JUNCTION MAIN ROAD, SALEM -636 005.

Existing SEE Question Pattern (100 Marks 3 Hours)			Proposed SEE Question Pattern (100 Marks 3 hours		
Sec	Pattern	Marks	Sec	Pattern	Marks
A	Eight Questions to be answered out of Nine	8 x 5 = 40	A	Answer All	5 x 4 = 20
B	Six Questions to be answered out of Seven. Question No 10 is compulsory (Case let)	6 x 10=60	B	Answer All One Question is a case study	5 x 16=80
	Total Marks	100		**Total Marks**	100

(ii). Discussion on introducing a course (Management Practical Assessment) assessing the management capabilities of students.

Dr.Anjani explained the following details:

The MBA Students will be organizing several events on

1. Sales & marketing
2. On line marketing
3. Sponsorships
4. Event Organizing
5. Press and media
6. Scheduling and Managing customers
7. Production
8. Controlling finance
9. Delivering a quality show
10. Inviting and coordinating VIPs.

The students will be observed on their managing capability and they will write a detailed report on the outcomes and their learnings. This proposed course will be introduced during their 3rd semester as a one credit course.

(iii). Industry immersion programme

The MBA department will collaborate with many industries and the students shall implement the project statements given by them as live projects. This initiative will improve the skill set of the students and will increase their employability.

Mr.Thyagu Valliappa informed that MBA programme is working towards moving on to 100 digital learning in next 2-3 years.

Based on the discussion, the Academic council members gave approval for the modifications in CIE and SEE question paper pattern, introducing a course to assess

the management capabilities of students and also for the industry immersion programme in MBA curriculum.

8. **Approval of BOS meeting minutes pertaining to EVEN Semester 2021-2022 curriculum and syllabi under**
   (i). Regulation 2015R and 2019 of all B.E/B.Tech programmes.
   (ii). Regulation 2019 for all M. E/ M. Tech Programmes
   (iii).Regulation 2019 & 2021 for MBA Programme and Regulation 2020 for MCA Programme.

Principal informed that all the BOS meetings of all departments were conducted online during November / December 2021, as per the permission order given by Anna University on 09.11.2021.

The Academic Council members reviewed all the BOS minutes of all departments and also the above-mentioned curricula and syllabi of EVEN semester 2021-2022 and approved the same.

The Academic Council members also discussed the following points during the meeting:

- Mr. Chocko Valliappa, Vice Chairman explained the importance of setting the question paper for the theory examinations by industry experts. He proposed that by framing structured norms, faculty qualification and criteria for industrial question paper setter, COE can involve the industry experts for question paper setting. Based on the discussion, the Academic Council members gave approval for involving industry experts for setting question papers for semester end examinations. Also, suitable norms and guidelines for implementing the same shall be framed by COE and shall be approved by Principal.

- Mr. Thyagu Valliappa insisted to include a course on Yoga in the curriculum.

- Mr. Manas Das gupta, ANS Wealth Ltd informed that emerging technology courses like Data science, Machine learning etc can be included in CBCS curriculum.

Dr.R.Shivakumar proposed the vote of thanks and the meeting came to an end by 12.45 p.m.

Dr.R.Shivakumar

Member Secretary/Academic Council

Dr.S.R.R.Senthil Kumar

Principal & Chairperson

8