

Quality Circles at TCE

With an idea to create a lively environment for interactions, intellectual discussions, continued learning, knowledge improvement of academics and the need for paradigm shift in attitude, Quality Circle was introduced in TCE on 10-06-2014.

Brainstorming activity was carried out in all departments to find common unsolved problems. The problems listed in various departments were grouped together and were prioritized by 96 students and 13 staff members on 11-07-2014. Based on this, 11 teams were formed with a total strength of 100 students. A meeting was conducted in presence of Head of the Institution on 14-07-2014 to identify facilitators for the above teams.

In order to efficiently coordinate and empower the student teams, 35 faculty members attended the “Two day training program on Management of Quality Circles for effectiveness of Educational Institutions” on 30th and 31st of October 2014. This training programme was architected by our mentor Prof. T.R. Jagadeesan who arranged eminent personalities from QCFI Chennai Chapter: Dr.A Sanjeevarao, Dr.P.R.Nakkeeran, Mr.A.Mayuranathan, Mr.RM. Krishnan, Mr.C.V.Gowrisankar.

Quality Circles were formed to address the problems related to Teaching and Learning process as key concerns. The facilitators of the Quality Circles further brainstormed the granular level issues and initiated data collection. Further problem analysis was done using various QC tools. A follow-up meeting was conducted after the training programme, attended by 22 staff members.

Quality Circles were formed to address the problems related to Teaching and Learning process that were identified as key concerns:

- Balancing workload and Performance assessment
- Industrial Exposure
- New Teaching methodologies
- Tutorial and Assignment effectiveness
- Relevance of Blooms Taxonomy in Content delivery

Three faculty QC teams among these participated in the Convention on Quality Circles in Education (CCQCE) – 2015 organized by Quality Circle Forum of India – Chennai Chapter on 14th February 2015 and won awards. The team with case study title “New Teaching Methodologies” and “Tutorial and

Assignment Effectiveness” won Excellence award and the team with case study title “Relevance of Bloom’s Taxonomy in Content Delivery” received Distinguished Case Study Presentation award.

To enhance the performance of the existing Quality Circles and to increase more QCs that can address issues, training programmes were conducted further, for 32 faculty members with Dr.A Sanjeevarao, Dr.P.R.Nakkeeran, and Mr.A.Mayuranathan as experts from the Quality Circle Forum of India, conducting highly interactive training sessions during 3rd and 4th August 2016.

Staff members who attended the training programme were asked to form groups of five members, underwent brainstorming sessions, were asked to identify a problem, analyze it, find the root cause and provide solutions using QC tools. Some of the presentations gained much appreciation from the resource persons.

The knowledge gained by the faculty members were shared with students across various departments and student QC teams were formed. The teams were reviewed periodically and the best performing teams were shortlisted to participate in the QC convention.

The 20th Convention on Quality Circles in Education by the Quality Circle Forum of India, Chennai Chapter (CCQCE 2018) was held at Sairam Engineering College, West Tambaram, Chennai on 03-02-2018. Two student teams from our institution accompanied by Dr. G.S.R. Emil Selvan, Ms. S. Pudumalar and S.Thiruchadai Pandeewari participated in the Case Study presentation.

Case Study Title : Decrease in Pass Percentage in Engineering Mathematics II - Par Excellence Award



Name	Department
Aishwariya.N	IT
Harshitha.S.S	IT
Kowsalya Devi. S	IT
Meyyammai.V	IT
Sai Gomathi.N	IT

Case Study Title: Lack of active individual participation in academic Team projects and Assignments -
Par Excellence Award



Name	Department
S.Muthu	IT
Reshma Kris	IT
Balaji N	IT
K.R.A. Bhubesh	IT
R John Soundara Pandian	IT

Subsequently, an internal review of case study presentations were conducted on 04/02/2019, attended by 44 students and 11 staff members. The review panel comprised of Dr.S.Karthikeyan, Asso. Prof/Mech, Dr.G.S.R.Emil Selvan, Coordinator – QC, Dr.G.Chitra, Asso.Dean/Quality Systems and Dr.M.Palaninatharaja, Dean P & D. A total of 13 teams presented their case studies. Out of those, 5 student teams and one staff team were shortlisted to attend CCQCE 2019.

Quality Circle Forum of India Chennai Chapter organized CCQCE 2019, the 21st Convention on Quality Circles in Education, at DMI College of Engineering, Chennai on 09/02/2019

Five student teams and one staff team from TCE participated in the Case Study presentation



Apart from team event, 3 students participated and won prizes in individual events.

Awards received:

TEAM NAME: FLAIR

Excellence Award



TEAM DETAILS:

Facilitator : Dr. D. Kavitha

Members:

Name	Department
S.ANUTHAMA	EEE
D.AARNISHA	EEE
T.SHANMUGA PRIYA	EEE
A.JACKSY LYDIA JANNICE	EEE
R.NITHYAKALYANI	EEE

TEAM NAME:
Par Excellence Award



Members:

Name	Department
H.KEERTHANA	EEE
R.VISHNUPRASATH	EEE
A.PRIYADHARSHINI	EEE
B. SABARI SHRI VARSHAN	EEE
N.P.GAYATHRI	EEE

TEAM NAME: SAMARITANS

Par Excellence Award



TEAM DETAILS:

Facilitator: Mr.T.Prakash

Members:

Name	Department
T. KANI BALAN	MECH
M. PRITHIVI RAJ	MECH
S. ASWIN RAJ	MECH
IVAN SAM SANTOSHAM	MECH

TEAM NAME: TCE GITWIT

Excellence Award



TEAM DETAILS:

Facilitator: Dr.G.S.R.Emil Selvan

Members:

Name	Department
K.ABIRAMI	CSE
B.KEERTHIGA	CSE
S.M.MEENA	CSE
M.NEELA	CSE
S.RAGUL KESAVAN	CSE

TEAM NAME: BRAHMAVIDHYAS

Excellence Award



Members:

Name	Department
R.JOHN SOUNDARAPANDIAN	IT
L.ALAGAPPAN	IT
N.BALAJI	IT
K.R.A.BHUBESH	IT
M .KARTHICKBABU	IT

Staff Team

TEAM NAME: AGASTHYA

Par Excellence Award



Members

Name	Designation
Ms.K.V.UMA	AP/ IT
Ms.C.SANTHIYA	AP/ IT
Ms.S.PUDUMALAR	AP/ IT
Ms.S.THIRUCHADAI PANDEESWARI	AP/ IT

Individual Prizes

Slogan Writing - First Place

Prithvi Raj. M



Poster Design - Second Place

T. Kani Balan



Essay Writing - First Place

Sabari Sri Varshan. B



An internal review of case study presentations were conducted on 03/02/2020, attended by 59 students and 12 staff members. A total of 15 teams presented their case studies in the presence of Dr. V.Abhai Kumar, Principal, Thiagarajar College of Engineering, who shared valuable comments to improve the case study presentations. Out of those, 5 student teams and 2 staff teams were shortlisted to attend CCQCE 2020. The review panel comprised of Dr.S.Karthikeyan, Asso. Prof/Mech, Dr.G.S.R.Emil Selvan, Coordinator – QC, Dr.G.Kumaraguruparan, Asso.Dean/Quality Systems and Dr.M.Palaninatharaja, Dean P & D.

Quality Circle Forum of India Chennai Chapter organized 22nd Convention on Quality Circles in Education CCCQCE 2020 under the theme — “QUALITY CONCEPTS FOR WELL BEING”, at Meenakshi Sundararajan Engineering College, Chennai on 15/02/2020.

The 22nd Convention on Quality Circles in Education inaugural function was started with an invocation of prayer song followed by welcome address by Dr. C. Uthayakumar, Vice Chairman. It was a memorable one to welcome the eminent personalities in QCFI Chennai Chapter Founder Chairman Dr.T.R. Jagadeesan, Dr. Anand A. Samuel, Vice Chancellor VIT Chennai, Dr. KS Babai, Director QCFI, Principal & Secretary of Meenakshi Sundararajan Engineering College, Thiru T R Narasimhan, Chairman QCFI Chennai, Dr.P.R.Nakkeeran and Dr. C.Uthayakumar, Vice Chairman and Thiru S. Murugan, Joint Secretary.

Five student teams and two staff teams from TCE participated in the Case Study Presentation

TCE QC TEAM at CCQCE 2020



Case Study Title: Shortcomings in exposure and involvement of undergraduate students in research and research based activities

Award Received – Distinguished Presentation



TEAM NAME: TCE Think Tank

Facilitator: Mr. T. Prakash

Members:

Name	Department
M. MANOJ	Mechanical
V. SUDHARSHAN	Mechanical
R. RAKESH	Mechanical
D. BALACHANDAR	Mechanical
MILU MARIA MATHEW	Mechanical

Case Study Title: Lack of Modeling Skills in Computer Aided Modeling Package

Award Received – Distinguished Presentation



TEAM NAME: The Real McCoy's

Facilitator: Mr. T. Prakash

Members:

Name	Department
SATHESHKUMAR M	Mechanical
JAI KISHORE R A	Mechanical
PRADHEEP MURUHESH G	Mechanical
NAVEEN KUMARAN K M	Mechanical
KIRUBHAKARAN M	Mechanical

Case Study Title: Lack of interest in programming

Award Received – Distinguished Presentation



TEAM NAME: Tryck Assassins

Facilitator: Dr.G.S.R. Emil Selvan

Members:

Name	Department
SWAATHI K	CSE
SRINIDHI V	CSE
GOMATHY K	CSE
AISWARYAH S	CSE
RAJARAJESVARRI G	CSE

Case Study Title: Excessive usage of Mobile Phones

Award Received – Distinguished Presentation



TEAM NAME: Pradha Natha

Facilitator: S. Thiruchadai Pandeewari

Members:

Name	Department
ARAVIND S	IT
GUNAMATHI V	IT
NISHANTHAN V	IT
SANJANA S	IT
SWETHA K	IT

Case Study Title: Lack of stress management

Award Received – Excellent Presentation



TEAM NAME: Ataraxical Attainers

Facilitator: Dr.G.S.R. Emil Selvan

Members:

Name	Department
B.SABARI SHRI VARSHAN	EEE
S.SHAHRRUCK	EEE
G.HARIKRISHNAN	EEE
A.KABILESH	EEE
M.D.RAGUL	EEE

Faculty Teams

Case Study Title: Lack of attitude to learn beyond curriculum

Award Received – Distinguished Presentation



TEAM NAME: AGASTHYA

Members:

Name	Designation
S. PUDUMALAR	AP/IT
S. THIRUCHADAI PANDEESWARI	AP/IT
M. THANGAVEL	AP/IT
R. PARKAVI	AP/IT

Case Study Title: Improving effectiveness of tutor-ward meetings

Award Received – Distinguished Presentation



TEAM NAME: TETS

Members:

Name	Designation
R.HELEN	AP/EEE
S.VIJAYALAKSHMI	Asso Prof/CA
D.KAVITHA	AP/EEE
D.ANITHA	AP/CA
R.SUGANYA	AP/EEE

Individual Prizes

Poster Competition - First Place

Kirubhakaran, M. (17G050)



Slogan Competition - Second Place

Raja Rajesvarri, G. (19C077)



Essay Competition - Second Place

Ragul, M. D. (18E081)



An internal review of case study presentations were conducted on 03/02/2023, attended by 64 students and 3 staff members. A total of 16 teams presented their case studies. Out of those, 5 student teams were shortlisted to attend CCQCE 2023. The review panel comprised of Dr.M.Palaninatharaja, Principal, Dr.S.Karthikeyan, Prof/Mech, Dr.G.S.R.Emil Selvan, Coordinator – QC and Dr.G.Kumaraguruparan, Asso.Dean / Quality Systems.

Quality Circle Forum of India Chennai Chapter organized 23rd convention on Quality Circles in Education CCCQCE 2023 under the theme – “Agility in Learning-QC way”, at Meenakshi Sundararajan Engineering College, Chennai on 11th February 2023.

Dr.T.Kalaiselvan, Secretary – QCFICC welcomed the gathering. Dr.K.Umarani, the coordinator presented an overview of the programme and also enlightened the theme of the Agility in Education and how to improve the agility of learning by using QC tools and techniques. Mr.A.Mayuranathan, Chairman delivered the presidential address. Dr.T.Thyagarajan, former Dean MIT, Anna University Chennai delivered the inaugural address. Mr.S.Murugan Vice chairman proposed vote of thanks.

Five student teams from TCE participated in the Case Study Presentation

TCE QC TEAM at CCQCE 2023



Case Study Title: Title: Overcrowding in food court during peak hours

Award Received – Distinguished Presentation



TEAM NAME: Budding Brains

Facilitator: Dr. Emil Selvan, G.S.R

Name	Department
ALSAFA K Z	CSE
ARTHI P	CSE
CHARUMATHY MA	CSE
DHANALAKSHMI U	CSE

Case Study Title: Tackling the problem of low self-esteem in students

Award Received – Distinguished Presentation



TEAM NAME: Opus Geeks

Facilitator: Dr. S. Vijayalakshmi

Name	Department
AKSHARA A	MCA
SAMUEL MAMERU CARR	MCA
RACHEL E	MCA
MADHUMITHAA N	MCA
MEENA T	MCA

Case Study Title: Quality improvement in education for autistic children by AR/VR based application

Award Received – Distinguished Presentation



TEAM NAME: Mind Sparklers

Facilitator: Devarajan M M

Name	Department
MARUTHA SHRI M G	Mechatronics
SARVESHWARAN S	Mechatronics
SWETHA S	Mechatronics

Case Study Title: Lack of Time Management in submitting assignments

Award Received – Distinguished Presentation



TEAM NAME: Tactic Crew

Facilitator: Dr. Emil Selvan, G.S.R

Name	Department
DHARSHINI G	CSE
ABISINI S R	CSE
AKSHITHAA A	CSE

Case Study Title: Difficulty in maintaining the learning resources for future

Award Received – Distinguished Presentation



TEAM NAME: Exergy

Facilitator: Prakash T

Name	Department
JEEVAN HARISH P	Mechanical
MANOJ KUMAR M	Mechanical
SAVIN KUMAR S	Mechanical
VISHNU BAHAVATH S A	Mechanical

Individual Prize

Slogan Competition - First Place

Swetha, S. (21F055)



An internal review of case study presentations was conducted on 11/07/2024, attended by 40 students and 6 staff members. A total of 12 teams presented their case studies. Out of those, 3 student teams and 2 staff teams were shortlisted to attend NCQCE 2024. The review panel comprised of Dr.M.Palaninatharaja, Principal, Dr.E. Murugavalli, AP/ECE, Dr.G.S.R.Emil Selvan, Coordinator – QC and Dr.G.Kumaraguruparan, Asso.Dean / Quality Systems.

Quality Circle Forum of India Chennai Chapter organized NCQCE 2024, the 2nd National Convention on Quality Circles in Education, Chennai on 20/07/2024

Three student teams and two staff teams from TCE participated in the case study presentation contest. All the 5 teams won the highest position, the Platinum Award for their top performance.

TCE QC Team at the venue after awards function



TCE QC Award winning teams with QC Coordinator

Awards received

TEAM NAME: ZEN KAIROS

Department of CSE

Case Study Title: Lack of academic stress management in students

Platinum Award



Team Members:

Name	Reg.No.
Roshini S	22C102
Gythiya Sree V S V	22C042
Pavithra M A	22C087

Facilitator: Dr.G.S.R. Emil Selvan

TEAM NAME: SUAVE TRAILBLAZERS

Department of ECE

Case Study Title: Prevalence of sedentary lifestyles within our peer group

Platinum Award



Team Members:

Name	Reg.No.
Sanjanaa. I	22D089
Swetha. B	22D108
Jeya Uthira. S. R	22D036
Riya Bobby	22D082
Vidhya Varshini. R	22D115

Facilitator: Dr.G.S.R. Emil Selvan

TEAM NAME: TRIO THESPIANS

Department of Civil Engg.

Case Study Title: Lack of theatrical skills among students

Platinum Award



Team Members:

Name	Reg.No.
Asimithaa K	22B011
Aishwarya RI	22B004
Sugitha A	22B104

Facilitator: Dr.G.S.R. Emil Selvan

STAFF TEAMS

TEAM NAME: SiMPLE

Case Study Title: Need for structured approach in enhancing the psychological well-being of students

Platinum Award



Team Members:

Name	Designation
Dr. Suguna M	ASP/IT
Sri Vinodhini H	AP/Maths
Devie P M	AP/EEE

Facilitator: Dr.G.S.R. Emil Selvan

TEAM NAME: Edu Creds

Case Study Title: Identifying the gaps in adapting to new strategies for choosing diversified career choices

Platinum Award



Team Members:

Name	Designation
M.Nirmala Devi	AP/CSE
C.Santhiya	AP/CSE
Raja Lavanya	AP/CSE

Facilitator: Dr.G.S.R. Emil Selvan

Individual Prizes

Slogan Writing - Second Place

Gythiya Sree V S V, 22C042 (III year CSE)



Essay Writing - First Place
Sanjana I, 22D089 (III year ECE)

