



Quality Circle forum of India Bhubaneswar Chapter

**Announces its 5th Chapter convention on Quality
concepts on
9th and 10th September 2023**



VENUE

**Silicon Institute of Technology,
Silicon hills, Near DLF Cyber city
Info city, Patia, Bhubaneswar**

Theme: Nurture Quality Concepts for a better future

Last date for submission of case study is 23rd August 2023



Invitation



Dear All,

On behalf of Quality Circle forum of India Bhubaneswar, I would like to invite all our members, institutional members and individual members to the 5th Chapter convention on Quality Concepts. CCQC 2023 ,Bhubaneswar being organized in physical mode, on 9th and 10th September 2023.

This year the Convention theme is "**Nurture Quality Concepts for a better future**". Last year our Chapter Convention organized in physical mode was appreciated immensely by all member organizations.

The schedule of the Physical Convention and evaluation criteria are given in this brochure. The convention provides immense opportunity to learn and showcase your achievements in the present challenging and uncertain environment.

I take immense pleasure in inviting all participants to CCQC 2023, planned to be held at Silicon Institute of technology, Info city, Bhubaneswar in physical mode.

Looking forward to a good event with grand participation and high quality competition.

S.S Mohanty
Chairman
QCFI Bhubaneswar

WHO SHOULD PARTICIPATE?

1. Teams from QC & Allied concepts
2. Organizations including MSMEs who wish to introduce QC & other concepts
3. Potential Practitioners & Life members
4. Students & Staff from Educational Institutions



OBJECTIVE OF CCQC-2023

1. To provide a forum for interaction and exchange of knowledge on Quality concepts
2. To provide an opportunity to the members of Quality circles & allied concepts to exchange their ideas, learn and explain their achievements.
3. To give an opportunity to display their creative talents through competitions in Essay, Slogan, Poem & Skit
4. Encourage the spirit of competition, teamwork and continuous improvement to gain & sustain high team motivational standards and results
5. To select and recommend the worthy case studies for the 37th national convention on Quality Concepts (NCQC-2023)

ABOUT SILICON TECH

Silicon Institute of Technology (SiliconTech) is an autonomous Engineering Institute located in Bhubaneswar, Odisha. Since its inception in 2001, the institute has been constantly striving and improving its effort to adapt to the academic and research needs of the industry.

SiliconTech provides technically focused education to more than 2500 undergraduate and postgraduate students in different domains. The institute is a preferred placement destination for numerous national and global technology firms, startups, and organizations dealing in financial services, e-commerce, healthcare, and applied research. The strong academic work ethic at SiliconTech is balanced by a plethora of social, cultural and sports activities to help the students develop an all-round personality. Over the years, SiliconTech has made its students prove their mettle in diverse fields and carve out their unique identities in top organizations worldwide.





DETAILS OF EVENTS

1. CASE STUDY PRESENTATION

CASE STUDIES NOMINATED BY VARIOUS ORGANIZATIONS WILL BE CONSIDERED IN CCQC-2023. ONLY THOSE CASE STUDIES

(GOLD AWARD WINNERS) WILL BE ELIGIBLE FOR CONSIDERATION FOR PRESENTATION IN NCQC-2023.

HOWEVER, CASE STUDY REPORT IS TO BE SENT IN SOFT COPY THROUGH E-MAIL ONLY FOR EVALUATION. PARTICIPATING CIRCLES NEED TO BRING PRESENTATION SLIDES IN PPT AT THE TIME OF CONVENTION.

THERE WILL BE PRESENTATIONS ON OFFLINE MODE. THE OFFICIAL LANGUAGE OF CASE STUDY PRESENTATION SHALL BE HINDI, ENGLISH OR ODIA. THERE WOULD BE SEPARATE CRITERIA FOR EACH CONCEPT.



CASE STUDY PRESENTATION WILL BE IN THE FOLLOWING CATEGORY

QUALITY CIRCLE CONCEPTS

ALLIED QUALITY CONCEPTS LIKE

- FIVE-S,
- KAIZEN / QUALITY IMPROVEMENT TEAM(QIT),
- POKA YOKE CONCEPT,
- SMED (SINGLE MINUTE EXCHANGE OF DIES),
- TPM CIRCLE,
- LEAN QUALITY CIRCLE(LQC)
- LEAN SAFETY CIRCLE,
- WCM CIRCLE,
- ISO-9001-2015 QMS IMPLEMENTATION,
- SIX SIGMA CONCEPT,
- HEALTH, SAFETY & ENVIRONMENT (HSE),
- HR CASE STUDY AND ANY TEAM CONCEPT

NOTE:

IN ORDER TO SUPPORT GREEN INITIATIVE, QUALITY CIRCLE FORUM OF INDIA HAS DECIDED TO STOP RECEIVING HARD COPIES OF CASE STUDIES FOR PRE EVALUATION. INSTEAD, YOU MUST EMAIL THE SAME TO MR. RAM SHANKAR DAS RAMKGP83@GMAIL.COM & MR. BIBHUDUTTA MISHRA BIBHU.90@GMAIL.COM

OTHER OPTION IS TO SEND THROUGH CDS/PENDRIVE/DRIVE LINKS. THE SIZE OF THE CASE STUDY IN PDF SHOULD BE BELOW 25 MB.



DETAILS OF EVENTS

2 . KNOWLEDGE TEST

FOR QUALITY CIRCLE, FIVE-S, LEAN QUALITY CIRCLES AND TEAMS OF ALLIED CONCEPTS IS COMPULSORY FOR THIS CONVENTION (AS IT IS MANDATORY FOR NCQC AND CARRIES 50 MARKS IN THE EVALUATION CRITERIA).

KNOWLEDGE TEST PAPER COMPRISES OF 25 OBJECTIVE TYPE QUESTIONS, TOTAL 50 MARKS FOR DURATION OF 20 MINUTES. PLEASE NOTE THAT THE MARKS OF KNOWLEDGE TEST WILL BE ADDED WHILE WORKING OUT THE RESULTS

FACILITATOR CAN PARTICIPATE WITH OTHER MEMBERS IN KNOWLEDGE TEST

KEY HIGHLIGHTS

THE QUALITY CIRCLES PARTICIPATING FOR THE FIRST TIME IN QCFI, BHUBANESWAR CONVENTION ON QUALITY CONCEPTS HAVE TO INDICATE THE SAME IN THEIR INTRODUCTORY SLIDE AS WELL AS REGISTRATION FORM.

THE BEST QC CASE STUDY PRESENTATION OUT OF FIRST TIME PRESENTATIONS WILL BE AWARDED "NAVJYOTI TROPHY".

- **THE BEST PERFORMING TEAM IN KNOWLEDGE TEST WOULD BE GIVEN THE "GYANDHARA TROPHY"**
- **THE BEST TEAM OF THE CONVENTION WOULD BE AWARDED "QUALITY SHRESTHA AWARD" FOR QC & ALLIED CONCEPT**



DETAILS OF EVENTS

POSTERS, SLOGANS & POEM COMPETITION

CONVENTION THEME WILL BE THE TOPIC FOR THE POSTERS, SLOGAN AND POEM COMPETITION AND LANGUAGE MAY BE IN HINDI/ENGLISH.

ONLY QC MEMBERS CAN PARTICIPATE IN POSTERS/ SLOGAN AND POEM CONTEST

SELECTION WILL BE AT THE SOLE DISCRETION OF EVALUATION COMMITTEE AND THEIR DECISION WILL BE FINAL.

ENTRIES TO BE
SUBMITTED
ON OR BEFORE 23RD
AUGUST 2023 .

4. HOME KAIZEN & HOME 5S

TO ENCOURAGE QCFI MEMBERS, HOMEMAKERS, MEMBERS FROM EDUCATIONAL INSTITUTES WE HAVE INTRODUCED HOME KAIZEN, SCHOOL KAIZENS, SOCIETY KAIZENS AND HOME 5S/SOCIETY 5S THIS TIME IN THE CONVENTION TO ENABLE MEMBERS TO PARTICIPATE AS INDIVIDUALS / OR IN TEAMS (MAXIMUM TEAM SIZE OF 2 MEMBERS).

THIS KAIZEN OR 5S PROJECTS MAY FOCUS ON AREAS LIKE RESIDENCE, APARTMENTS, SCHOOLS, LIBRARY ROOM, CLASSROOM, COMMON AREAS LIKE GARDENS, PARKS, TOILETS, CANTEEN ETC. EVALUATION SHALL BE DONE BASED ON MAXIMUM TWO PAGES DESCRIPTION CONSISTING OF PROBLEM, ROOT CAUSE, SOLUTION IMPLEMENTED, BEFORE AND AFTER PHOTOS, RESULT, AND STANDARDIZATION. THE DETAILS NEED TO BE SENT TO MR. RAM SHANKAR DAS Ramkgp83@gmail.com & MR. BIBHUDUTTA MISHRA Bibhu.90@gmail.com BY **23RD AUGUST 2023**

THE PARTICIPANTS WILL BE PRESENTED CERTIFICATES AND RECOGNIZED SUITABLY. TO ENCOURAGE STUDENT PARTICIPATION FROM SCHOOLS AND COLLEGES DISCOUNTED PARTICIPATION FEE IS APPLICABLE.



DETAILS OF EVENTS

5. MODEL COMPETITIONS

THE OBJECTIVE OF THE MODEL PRESENTATION COMPETITION IS TO RECOGNIZE THE CREATIVITY, SKILL, ENTHUSIASM AND EFFORTS OF QUALITY CIRCLES AND ALLIED QUALITY CONCEPT TEAMS TO DISPLAY THE IMPROVEMENT/SOLUTION FOR EASE OF UNDERSTANDING. THIS COMPETITION IS FREE OF PARTICIPATION FEE AND WILL BE OPEN FOR ALL TEAMS PRESENTING CASE STUDIES ON ANY QUALITY CONCEPT INCLUDING QUALITY CIRCLE.

THE TEAM DESIROUS OF PARTICIPATING IN THIS COMPETITION SHOULD INDICATE THE SAME WHILE SENDING THEIR ENTRY VIDE REGISTRATION FORM FOR THE CONVENTION OF THE CHAPTER. ADVANCED INFORMATION IS REQUIRED TO PROVIDE ESSENTIAL FACILITIES. THE MODEL SHOULD BE RELEVANT TO THEIR CASE STUDY TO BE PRESENTED AT CCQC-2023. THE MODELS SHOULD BE DESIGNED AND MADE BY TEAM MEMBERS THEMSELVES AND NOT BOUGHT OUT FROM PROFESSIONALS.

A SEPARATE LOCATION SHALL BE PROVIDED FOR DISPLAY OF ALL MODELS ON THE 10TH SEPTEMBER 2023 AT LEAST TWO MEMBERS SHOULD BE PRESENT TO EXPLAIN THE MODEL.

KEY HIGHLIGHTS

A SIGN BOARD / BANNER SHOULD BE DISPLAYED SHOWING THE TEAM NAME, ORGANIZATION NAME AND THE THEME OF THE PROJECT.

EVALUATION CRITERIA

- RELEVANCE WITH PROJECT PRESENTED - 5 MARKS
- CREATIVITY, DESIGN & DISPLAY -20 MARKS
- USE OF SCRAP FOR MODEL CREATION - 5 MARKS
- SKILL IN EXPLAINING -10 MARKS
- MOVING/DYNAMIC MODEL -10 MARKS
- TOTAL -50 MARKS**

ALL
NOMINATIONS
BY 23RD
AUGUST 2023



EVALUATION CRITERIA

SL. No.	Evaluation criteria for CCQC - 2023	Total Marks
1	Pre-evaluation of Case studies	60
2	Case study Oral presentation	30
3	QC Register marks*	10
Total Marks		100

SL. No.	Evaluation criteria :: Oral Presentation for QC & Allied concepts (Including QIT)	Total Marks
1	Sequence, Clarity, Team participation, Smooth change over from one speaker to other	5
2	Communication Skills	5
3	Time Management	5
4	Special Effects	5
5	Judge's Question & Answers	10
Total Marks		30

SL. No.	Evaluation criteria :: Quality Circles' Register	Total Marks
1	General Information	2
2	Project Information	1
3	Attendance	1
4	Meeting minutes – compare with Milestone chart of case study	3
5	Monitoring of meeting minutes (by HOD, Coordinator, Facilitator)	2
6	Special Features	1
Total Marks		10



EVALUATION CRITERIA

SL. No.	Pre-Evaluation Criteria:: Quality Circles Case Study	Total Marks	
1	Identification of Problems (Unsolved>50)		
2	Selection of problem	6	
	A, B, C Categorization & Prioritization		
3	Define the problem		
	Milestone chart, Flow / Pictorial diagram of the process,		
	Description of problem with suitable diagram		
4	Analysis of the Problem		6
	Required data / verbal data for 4W+1H & its impact on Quality, Productivity, Cost etc.		
5	Find out probable causes and root causes		6
	Circles up to 2 years old, may use Dispersion analysis but old circles to use other types of CED with all possible sub causes		
6	Root Cause Analysis (Validation of root causes)		3
	By using an appropriate method for validation		
7	Data analysis		8
	Collection of appropriate data for validated root causes and Pareto diagram		
8	Development of solution	8	
	Min. No. of Alternate solutions developed = 5 & Validation		
9	Foreseeing Probable resistance	3	
	Min. No. of probable resistances with solutions = 5		
10	Trial Implementation & Check Performance	8	
	Use of PDCA, Trial implementation & Check performance		
11	Regular Implementation	6	
	Present status, Overall gains – Tangible & Intangible		
12	Follow up & Review	6	
	Follow-up system developed & Review results		
	Grand Total Marks	60	

SL. No.	Evaluation criteria :: 5-S, Kaizen, TPM, LQC, QIT, Poka-Yoke, SMED, WCM, TQM& Benchmarking (Circles can adopt DMAIC methodology also for all Allied concepts)	Total Marks
1	Define the problem	10
	Milestone chart proposed, Flow diagram / Pictorial diagram of the process, Description of problem with suitable diagram, Objectives, Goals / Target	
2	Measure (Data collection / compilation)	15
	4W+1H / Data collection for key parameters It's subsequent impact on quality, productivity, cost etc.	
3	Analyze the problem	15
	Identification of causes, Develop suitable CED with all sub causes Validation of causes, data collection, Root cause analysis	
4	Improve (Solution Implementation)	20
	Solution search, PDCA	
	Trial implementation, Check performance Regular implementation, Performance status	
5	Control (Gains & Standardization)	10
	Gains – Tangible & intangible	
	Follow-up system developed – New / Updation Review results	
	Total Marks	70

Note: QC Register marks not applicable for Allied concepts



EVALUATION CRITERIA

SL. No.	Pre-Evaluation Criteria:: Quality Circles Case Study	Total Marks
1	Identification of Problems (Unsolved>50)	6
2	Selection of problem A, B, C Categorization & Prioritization	
3	Define the problem Milestone chart, Flow / Pictorial diagram of the process, Description of problem with suitable diagram Objectives, Goal / Target	
4	Analysis of the Problem Required data / verbal data for 4W+1H & its impact on Quality, Productivity, Cost etc.	
5	Find out probable causes and root causes Circles up to 2 years old, may use Dispersion analysis but old circles to use other types of CED with all possible sub causes With proper headers, Marking / Listing the probable root causes	
6	Root Cause Analysis (Validation of root causes) By using an appropriate method for validation	
7	Data analysis Collection of appropriate data for validated root causes and Pareto diagram	
8	Development of solution Min. No. of Alternate solutions developed = 5 & Validation	
9	Foreseeing Probable resistance Min. No. of probable resistances with solutions = 5	
10	Trial Implementation & Check Performance Use of PDCA, Trial implementation & Check performance	
11	Regular Implementation Present status, Overall gains – Tangible & Intangible	
12	Follow up & Review Follow-up system developed & Review results	
	Grand Total Marks	60
SL. No.	Evaluation criteria :: 5-S, Kaizen, TPM, LQC, QIT, Poka-Yoke, SMED, WCM, TQM & Benchmarking (Circles can adopt DMAIC methodology also for all Allied concepts)	Total Marks
1	Define the problem Milestone chart proposed, Flow diagram / Pictorial diagram of the process, Description of problem with suitable diagram, Objectives, Goals / Target	10
2	Measure (Data collection / compilation) 4W+1H / Data collection for key parameters It's subsequent impact on quality, productivity, cost etc.	15
3	Analyze the problem Identification of causes, Develop suitable CED with all sub causes Validation of causes, data collection, Root cause analysis	15
4	Improve (Solution Implementation) Solution search, PDCA Trial implementation, Check performance Regular implementation, Performance status	20
5	Control (Gains & Standardization) Gains – Tangible & intangible Follow-up system developed – New / Updation Review results	10
	Total Marks	70

Note: QC Register marks not applicable for Allied concepts



EVALUATION CRITERIA

SL. No.	Evaluation criteria for Six sigma Case studies	Total Marks
1	DEFINE	10
	Business Case / Voice of customer	
	Project charter SIPOC	
2	MEASURE	10
	Performance measure	
	Key Process parameters Key Product parameters	
3	ANALYZE	20
	Identification of causes / C&E diagram	
	Validation of causes / Identification of root causes Data collection / Validation of root causes	
4	IMPROVE	20
	Creative solutions & Design of Experiments / Hypothesis testing	
5	CONTROL	10
	New / Updation of standards Results/ Benefits	
	Total Marks	70

SL. No.	Evaluation Criteria for 5S	Total Marks
1	Initial efforts	10
	5S organization structure	
	Initial photographs Steps were taken in zone / sub-zone before going for 1S	
2	Activities of Housekeeping	15
	Implementation of 1 st S	
	Implementation of 2 nd S Implementation of 3 rd S	
3	Implementation of 4th S	10
	Development of standard practices & Follow-up of standard practices	
4	Audit system	10
	Self Audit system / Management Audit system	
5	Status of 5S Implementation	15
	Before/After Photographs	
	Tangible/Intangible gains Status of Jagruti groups & Status of 5S home	
6	Follow up and Review system	10
	Management actions for sustenance & growth of 5S Special activities	
	Total Marks	70



FEE STRUCTURE

Team Area	Permanent (Rs.)	Annual (Rs.)
1) Quality circles		
*Per Team (5Members+1Facilitator or coordinator)	18000/- per team	19800/- per team
*Per additional member	3000/-	3300/-
2) Allied concepts		
*Per team (Max. 3 Members)	8400/- per team	9240/- per team
*Per additional member	2800	3080/-
3) Delegates not in any team –		
Per delegate	3,000/-	3300/-
4) School / College / Individual Life member	500/- per member	
5) MSME organization	2000/- per member	
6) Home Maker's 5S / Kaizen or Model display	Free	
<i>Please add GST 18% on the registration fee payable above</i>		

1. The last date of registration is **23.08.2023**. Organizations are requested to participate with good number of teams to avail discount on participation above 10 teams. the discount scheme which will be elaborated in the invitation mail.

2. Payment through demand draft / at par cheque / NEFT / RTGS should be made in favour of " **QUALITY CIRCLE FORUM OF INDIA, BHUBANESWAR CHAPTER** " payable at Bhubaneswar and payment details emailed along with the duly filled in registration form and detailed case study report in the word or pdf format sent through e-mail.

3. Participation shall be allowed after payment of registration fee.

4. Payment must be made within 30 days of the issue date of the e-invoice.

5. Once e-invoice (on-line invoice) is raised, it shall not be changed. Please ensure the no. of teams /no. of participants mentioned is correct before sending. it is very important.

6. Payment may also be made online. scan copy of payment made, to beshared on email-ramkqp83@gmail.com

7. BANK DETAILS:

NAME OF THE BANK: – STATE BANK OF INDIA (IDCO TOWER BRANCH, BHUBANESWAR)

ACCOUNT NO.- 37839663155

IFSC /RTGS CODE: - SBIN0007891

PAN: -AAAAQ0008P

GSTIN: - 21AAAAQ0008P2ZU



AWARDS

AWARDS TO BE PRESENTED:

1. E-CERTIFICATES SHALL BE GIVEN TO ALL THE PARTICIPATING TEAMS IN THE CONVENTION.
2. SUCCESSFUL TEAMS SHALL BE ADJUDGED AS BRONZE, SILVER & GOLD
 - A. 50% - LESS THAN 60% : BRONZE AWARD
 - B. 60% - LESS THAN 70% : SILVER AWARD
 - C. 70% & ABOVE : GOLD AWARD
3. THE BEST QC CASE STUDY PRESENTATION OUT OF FIRST TIME PRESENTATIONS WILL BE AWARDED "**NAVJYOTI TROPHY**".
4. THE BEST PERFORMING TEAM IN KNOWLEDGE TEST WOULD BE GIVEN THE "**GYANDHARA TROPHY**".
5. THE BEST TEAM OF THE CONVENTION WOULD BE AWARDED "**QUALITY SHRESTHA AWARD**" FOR QC & ALLIED CONCEPT.
6. E-CERTIFICATES SHALL BE GIVEN TO THE WINNERS OF ESSAY/SLOGAN/POEM/SKIT/KNOWLEDGE TEST/HOME MAKERS' 5S / KAIZEN OR MODEL OR KAIZEN DISPLAY (WHO SCORE 70% OR MORE MARKS).



REGISTRATION LINK

[HTTPS://FORMS.GLE/BC3XZW1H8MYFQJAS7](https://forms.gle/BC3XZW1H8MYFQJAS7)

FOR ALL ENQUIRIES CONNECTED WITH CASE STUDY SUBMISSION AND PARTICIPATION, PLEASE CONTACT

QUALITY CIRCLE FORUM OF INDIA, BHUBANESWAR

MR. R.S.DAS SECRETARY, QCFI, BHUBANESWAR

PHONE: 9348665311, 9437069347 (M)



PROGRAM SCHEDULE

Time	Programs / Activities
09.09.2023: 1:30 pm -2:30 PM	Registration of teams & distribution of Breakfast, Lunch, Snacks & Kit Coupon
02:30 pm - 03:30 pm	Inaugural function Poem/ Poster/ Slogan/ Essay Awards
03:30 pm – 05:00 pm	Presentations
05:00 pm – 05:30 pm	Hi-Tea
10.09.2023: 08:00 am – 08:30 am	Reporting by teams & distribution of Breakfast, Lunch, Snacks & Kit Coupon
08:30 am – 09:15 am	Breakfast
09:15 am – 09:20 am	Assemble in respective Presentation Hall
09:20 am – 01:30 pm	Case Study Presentations
(In the meantime Lunch will be started from 12:00 Noon)	
02:30 pm – 03:30 pm	Model Competition
03:30 pm – 05:30 pm	Valedictory Session
05:30 pm – 06:00 pm	Hi-Tea

ORGANISING COMMITTEE

OVERALL COORDINATION

MR.RAM SHANKAR DAS

PHONE: 9348665311, 9437069347 (M)

EMAIL-Ramkpg83@gmail.com

REGISTRATION OF TEAMS & CASE STUDIES/RECORDS/POEM/ESSAY/SLOGAN/POSTER/MODEL COMPETITION/KAIZEN COMPETITION

MR.BIBHUDUTTA MISHRA

CONTACT-+91-9437314864/9938250053

bibhu.90@gmail.com

MANAGEMENT OF COMPETITIONS & FUNCTIONS

MR.SATYAWAN NAYAK

email-satyawannayak@gmail.com, PHONE: +91-8770167680

STAGE MANAGEMENT & CULTURAL EVENTS

MS.NISHU MISHRA

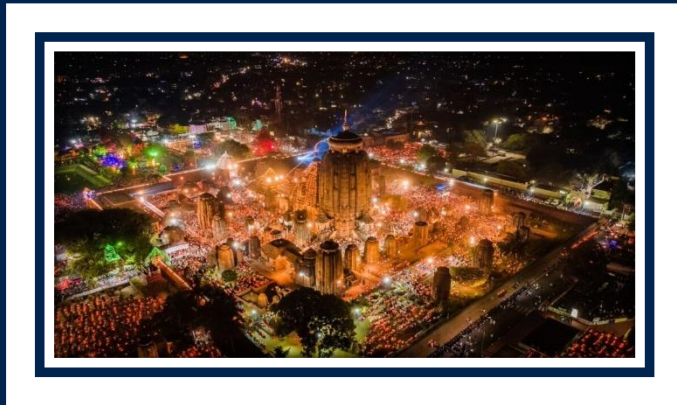
EMAIL-nishu.mishra10@gmail.com, PHONE: +91-9937587079



JAGANATH PURI DHAM, 69.4 kms from Silicon



KHANDAGIRI & UDAYGIRI CAVES, 16 kms from Silicon



LINGARAJ TEMPLE, 16.1 kms from Silicon



DHAULI SHANTI STUPA, 22.1 kms from Silicon



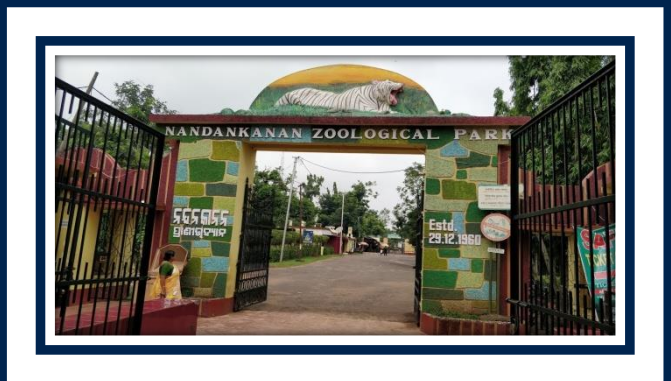
SUN TEMPLE KONARK, 74.6 kms from Silicon



REGIONAL MUSEUM, 8.6 kms from Silicon



PATHANI SAMANTA PLANETARIUM, 8.7 kms from Silicon



NANDAN KANAN ZOO, 9.7 kms from Silicon