

**KCE Society's
College of Engineering & IT Jalgaon, Maharashtra.**

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2016-17

1. Details of the Institution

1.1 Name of the Institution

Khandesh College Education Society's
College of Engineering and Information
Technology , Jalgaon

1.2 Address Line 1

Behind DIC , National Highway-6

Address Line 2

IMR Campus

City/Town

Jalgaon

State

Maharashtra

Pin Code

425001

Institution e-mail address

coeit.inquiry@gmail.com

Contact Nos.

0257-2242026

Name of the Head of the Institution:

Dr. K. P. Rane

Tel. No. with STD Code:

0257-2242026

Mobile:

9371031963

Name of the IQAC Co-ordinator:

Minal T. Kolhe

Mobile:

7387700474

IQAC e-mail address:

kcecoeit.iqac@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN23246

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC(SC)/15/A&A/21.1 Dated. 25/5/2016

1.5 Website address:

www.coeit.kces.in

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.53	2016	2016-2021
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

03/11/2014

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR _____ (DD/MM/YYYY)4
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 Institutional Status

- University State Central Deemed Private
- Affiliated College Yes No
- Constituent College Yes No
- Autonomous college of UGC Yes No
- Regulatory Agency approved Institution Yes No

(AICTE)

- Type of Institution Co-education Men Women
- Urban Rural Tribal
- Financial Status Grant-in-aid UGC 2(f) UGC 12B
- Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

- Arts Science Commerce Law PEI (Phys Edu)
- TEI (Edu) Engineering Health Science Management
- Others (Specify)

1.11 Name of the Affiliating University (*for the Colleges*)

North Maharashtra University

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc : NO

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="6"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="1"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="--"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="--"/>
2.9 Total No. of members	<input type="text" value="12"/>
2.10 No. of IQAC meetings held	<input type="text" value="02"/>

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

1. Analysed University Result.
2. Enhanced Faculty Participation in research and development activities.
3. Suggested improvement in Teaching and Learning Process.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

Plan of Action	Achievements
<ul style="list-style-type: none"> • Conducting Guest lecture / Seminar/ Workshop on the topic beyond syllabus from recent technology. • Organisation of national level technical event SPITECH-17 	<ul style="list-style-type: none"> • ISTE approved one week STTP Program on “ CMOS AND MIXED SIGNAL VLSI DESIGN” • Organised CSI approved 02 Days Workshop on LATEX. • Guest Lecture on “The research attitude by Dr.D.J.Tidke (VJNIT , Nagpur)

	<ul style="list-style-type: none"> • FDP on Bookopadia by Mr.Pankaj N.Vyavhare. • Organised SPITECH-17 Successfully by Computer dept.
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** Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Annual Quality Assurance Report (AQAR) 2016-17 discussed in Management meeting and approved for submission to NAAC office, Bengaluru.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	2	0	2	
UG	4	0	4	
PG Diploma				
Advanced Diploma				
Diploma		0		
Certificate		2	2	
Others				
Total	6	2	8	

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	6
Trimester	
Annual	

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

NO

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
36	32	0	2	2

2.2 No. of permanent faculty with Ph.D.

2

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
46	14	16	16	9	7	2	0	73	37

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	-	-
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	11	09	-
Presented papers	-	-	-
Resource Persons	-	-	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Multimedia teaching –LCD Projector

2.7 Total No. of actual teaching days during this academic year

157

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

-

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

-	8	-
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2.10 Average percentage of attendance of students

80 %

2.11 Course/Programme wise
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Electrical	86	15	62	09		
E&TC	38	23	36	18		
Comp	41	17	39	17		
MBA	42	2	28	21		

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

IQAC contributes in improving teaching learning process as follows-

1. Motivate faculty Members to develop lab manuals, study material
2. Encouragement to Enhance Co-curricular & extracurricular activities

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	0	0	0	15
Technical Staff	0	0	0	7

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

To Promote R&D Activities institute level policy is formed out through which funds are provided for research activities of students and Faculties.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	-	1	-
Outlay in Rs. Lakhs	-	-	43000	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	-	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	2016-17	VCRMS, NMU	43000	31500
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total			43000	31500

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

University level State level

National level International level

3.23 No. of Awards won in NSS:

University level State level

National level International level

3.24 No. of Awards won in NCC:

University level State level

National level International level

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>		
NCC	<input type="text"/>	NSS	<input type="text"/>	Any other	<input type="text"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Spitech 2017-Technical event
- Teachers day-social activity
- Diwali celebration at Matoshri Vrudhashram
- Women's day celebration- women's self defence
- Blood donation camp

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	2.52 acres			
Class rooms	1570.06 sqm			
Laboratories	2667.78 sqm			
Seminar Halls	547.13sqm			
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		27		
Value of the equipment purchased during the year (Rs. in Lakhs)		1441164		
Others				

4.2 Computerization of administration and library

-

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	20047	4780918	414	200867	20461	4981785
Reference Books						
e-Books	0	0	0	0	0	0
Journals			72	297415	72	297415
e-Journals			324	11500	324	11500
Digital Database	0	0	0	0	0	0
CD & Video	0	0	0	0	0	0
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	445		20+12= 32 Mbps					
Added								
Total	445		20+12= 32 Mbps					

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Each department is provided with computer systems & internet connections for teaching staff to update their knowledge with internet access throughout the year.

4.6 Amount spent on maintenance in lakhs :

i) ICT	94975
ii) Campus Infrastructure and facilities	3329418
iii) Equipments	283448
iv) Others	
Total :	3707841

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Continuous efforts were made for tracking the progression of the students by continuous monitoring and evaluation.,

5.2 Efforts made by the institution for tracking the progression

Monitoring of the learning outcomes through the unit test, result analysis, seminars.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
587	137	0	0

(b) No. of students outside the state

0

(c) No. of international students

0

Men	No	%	Women	No	%
	414	57		310	43

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
131	42	8	362	0	596/ 543	165	48	15	454	0	724/ 682

Demand ratio

Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

5.8 Details of gender sensitization programmes

Institutional women cell conduct awareness programmes against women exploitation and abuse.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government	343	9030906
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

1. Tree Plantation
2. Blood Donation
3. Anti Tobacco Mission
4. Swacchhta Abhiyan

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision : TO embrace innovative theories , techniques and technologies to insure success in changing World.

Mission: Leading students from ground to skies through excellence to articulate identity.

6.2 Does the Institution has a management Information System

No

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The Institution affiliated to north Maharashtra University Jalgaon. The curriculum is Prepared under the faculty of Engineering and technology.

6.3.2 Teaching and Learning

The most important part of institute is academic system. The affiliating university notifies the academic schedule term-wise at the beginning of every academic session. It includes dates for start and end of each term, and university examination (Theory and Practical) schedule.

Based on the same Semester Pre-commencement Preparations-

- Departmental Academic Calendar
- Lecture plans
- Course notes
- Updating the library with appropriate books as suggested by the faculty-
- Modifying the laboratories to cater for the needs of revised syllabus and new technology.
- Evaluation and assessment of Lab Work
- University examination and declaration of result
- Result Analysis for further improvement

6.3.3 Examination and Evaluation

Each year, the college constitutes a special examination committee to ensure effective implementation of all activities related to internal and external examinations and assessments.

6.3.4 Research and Development

The authorities always encourage staff members, from each and every department, to conduct/ increase involvement research activities, improve qualification and go for publications and patents.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Institutional Repository: Paper published by the faculty members, university question papers, syllabus copy, project and seminar reports are maintained. Labs are equipped with modern equipment.

6.3.6 Human Resource Management

--The management firmly believes in participative decision-making and functioning. Conscious efforts have been taken by the management for the involvement of all elements of the system in institutional process.
--Number of committees is formed every year for various functions and activities of the college. The members in various committees are rotated every year so that the involvement of staff in various activities increases.
--The active staff members are encouraged to play lead roles in various, functions / activities / events. Good blend of senior and junior staff members formed in the committees, with the objective of experience sharing and team building, helps in successful completion of task.

6.3.7 Faculty and Staff recruitment

The recruitment of the teachers in the College is done strictly on merit, as per the rules, regulations and norms of the AICTE ., Government of Maharashtra and North Maharashtra University, Jalgaon. The Reservation policy is strictly followed.

6.3.8 Industry Interaction / Collaboration

--The college has initiated various collaborative activities with different academic / research institutions and industries, few linkages were established.
--The Management has established a multidisciplinary research wing of the college, „JalaSRI“ – Watershed Surveillance Research Institute.
--Through this wing, a number of multidisciplinary research projects have been undertaken in collaboration with national/international agencies.

6.3.9 Admission of Students

Admissions to the various programs are made on the basis of merit.
 During the admission process, the faculty and experts provide help, support and advice to the students regarding various programs options available to them.
 The students are admitted through centralised admission process conducted
 However the Admission to college is promoted through following activities:

- Career counselling Programs
- Advertisements through Press, T.V., Radio and Hoarding
- Participation in career fair
- Publishing career guidance Articles
- Special Scholarship to Meritorious Students

6.4 Welfare schemes for

Teaching	yes
Non teaching	yes
Students	Scholarship schemes are implemented

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		No	
Administrative	No		No	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NA

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

Organized alumni meet every year

6.12 Activities and support from the Parent – Teacher Association

Institute Organized parents meet every year

6.13 Development programmes for support staff

Nil

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Promoting clean and green environment culture
- Tree Plantation

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

--Spitech-17
--Beti Bacchao Beti Padhavo

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

NIL

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Title of the practice: Tree Plantation – “Plant a Tree”

Goal

The institution is fully committed to render yeomen service to the surrounding society. It is done through organizing tree plantation camps.

The Context

The practice relates to a social activity. Trees make life nicer. It has been shown that spending time among trees and green spaces reduces the amount of stress that we carry around with us in our daily lives. Suggestions and co-operation from teacher and administrative staff are solicited.

The Practice

The volunteer students plant trees within the campus from time to time in order to maintain biodiversity and facilities such as carbon sequestration. The garden of the campus is maintained by paid staff under the supervision of the College authority. volunteer students identified appropriate place for plantation and prepared it for plantation. Before this tree plantation informal orientation programmes were held under the guidance of the Principal and many teachers came to the site in order to motivate many students to join the plantation.

Evidence of Success

‘Plant a Tree’ has been an extraordinary experience for us. We have been able to see the joy of students who want to do something for the environment. The students were extremely happy to participate in this initiative. The staff, students, parents and alumni are encouraged to plant trees inside and outside the campus on special occasions.

Problem encountered and resources required.

We encountered very few problems while executing this project. The biggest problem we have encountered has been with water a problem that has cost some money without a solution. Right now we are using water from institute and the periodic rainfalls are helping to ensure that the cost is reduced.

We also facing problem for identification appropriate place for plantation because as we are growing institute the infrastructure also improve as per requirement that some time restrict for identification appropriate place as per future perspective.

II. Pre Counselling of Admission Process

The Goal:

- To create the awareness about technical education.
- The main objective of the institute is to promote equal opportunities in higher education to students in rural community.
- To educate and prepare students for technical and professional excellence and to face the need of the changing economic condition and enable them to have employments and self employment.

The Context:

- Now-a-days, there are many options available in the education field. The college was facing certain challenges which were of almost important the challenges faced by institute were regarding admission.
- So the counselling has very important role for admission such as, It leads to proper gateway of student's career.
- Career guidance is provided by our teaching staff.

The Practice and Evidence of the Success:

- A Literate woman improves the quality of life both at House and outside the home. One educated woman can literate both the families.
- Due to pre counselling the ignorance about women education was decreased, which results in the increase of literacy in girl student.

Problems Encountered and Resources Required:

The problems faced by institute during counselling were:

Communication with different colleges:

Due to the busy schedule in various colleges, we are unable to get the appointments to make a visit for career counselling. So, we continuously made efforts to be in touch and get the proper dates from target colleges.

Resources Required:

All the resources are provided by the college for the purpose of counselling.

Contact Details

1	Name of the Principal	Dr.K.P.Rane
2	Name of the Institution	K.C.E.S.C.O.E.I.T. Jalgaon
3	City	Jalgaon
4	Work phone	0257- 2242025/52
5	Fax	0257- 2242026
6	Pincode	425001
7	E-mail	coeit.inquiry@gmail.com
8	Website	www.coeit.kces.in

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

College has taken an initiative to develop the pollution free green campus.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

8. Plans of institution for next year

To Start
--NMU 181 Certification Courses
--AICTE PMKVY New Courses

Name: Mrs.Minal T. Kolhe

Name : Dr.K.P.Rane

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
