Annual Quality Assurance Report

School of Life Sciences
Manipal Academy of Higher Education, Manipal

(2016-17)

SCHOOL OF LIFE SCIENCES
MANIPAL
(A constituent unit of MAHE, Manipal)

Annual Quality Assurance Report (AQAR)

in Accredited Institutions

(Revised in October 2013)

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

AQAR for the year *(for example 2013-14)*   2016-17

1. Details of the Institution

1.1 Name of the Institution   School of Life Sciences

1.2 Address Line 1   Planetarium Complex

Address Line 2   Manipal Academy of Higher Education

City/Town   MANIPAL, UDUPI

State   KARNATAKA

Pin Code   576104

Institution e-mail address   mlsc@manipal.edu

Contact Nos.   +91 820 2922058; +91 820 2922702

Name of the Head of the Institution: Dr. K Satyamoorthy

Tel. No. with STD Code: +91 820 2571925

Mobile: +91 9845718604

Name of the IQAC Co-ordinator: Dr. TG Vasudevan

Mobile:

+91 9741735917

IQAC e-mail address:

iqac.sols@manipal.edu

1.5 Website address:

https://manipal.edu/sls-manipal/about-sls/IQAC.html

Web-link of the AQAR:

https://manipal.edu/sls-manipal/about-sls/IQAC.html

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	1st Cycle	B+	--	2002	5 yrs
2	2nd Cycle	A	3.30	2016	5 yrs

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   03/06/2013

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

  i.   AQAR __2013-14_____   ___21/05/2016_____ (DD/MM/YYYY)
  ii. AQAR_2014-15_____   ___21/05/2016_____ (DD/MM/YYYY)
  iii. AQAR_2015-16_____   ___05/01/2017_____ (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 ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

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)*   Not applicable (NA)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   NA

University with Potential for Excellence   NA   UGC-CPE   NA

DST Star Scheme   NA   UGC-CE   NA

UGC-Special Assistance Programme   NA   DST-FIST   ✓

UGC-Innovative PG programmes   NA   Any other *(Specify)*   TIFAC-CORE

UGC-COP Programmes   NA

2. IQAC Composition and Activities

2.1 No. of Teachers   9

2.2 No. of Administrative/Technical staff   2

2.3 No. of students   1

2.4 No. of Management representatives   1

2.5 No. of Alumni   1

2. 6 No. of any other stakeholder and

    community representatives   0

2.7 No. of Employers/ Industrialists   0

2.8 No. of other External Experts   0

2.9 Total No. of members   14

2.10 No. of IQAC meetings held

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

      [   ]

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

      * *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

      [   ]

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	1	0	1	-
PG	3	1	4	-
UG	1	0	1	-
PG Diploma	1	0	1	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	1	0	1	-
Others	-	-	-	-
Total	7	1	8	-

Interdisciplinary	3	1	4	-
Innovative	-	-	-	-

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

Pattern	Number of programmes
Semester	5
Trimester	0
Annual	0

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.

1. Approved CBCS regulation, credit distribution, relative letter grading system and syllabus for B.Sc. Biotechnology course (BoS, June 2016 & June 2017), for M.Sc. Medical Biotechnology, M.Sc. Molecular Biology and Human Genetics and M.Sc. Bioinformatics programs (BoS, June 2017)
2. Approved students exchange program in BioHealth Computing at University of Grenoble-Alpes for II Year M Sc. Medical Biotechnology & M Sc. Molecular Biology & Human Genetics students & approved Certificate course in Bioinformatics (BoS, June 2017)
3. Implementation of make-up examination for B.Sc. Biotechnology students within 4 weeks from the date of announcement of results (BoS, June 2017)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of
permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
25	5	11	5	4

2.2 No. of permanent faculty with Ph.D.

21

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
0	0	0	0	0	0	0	0	0	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

0		14		0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	17	5	
Presented papers	17	5	
Resource Persons	1	3	

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

- Teacher guardian for first year students
- Coaching for slow learners

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

~285 (excluding examination days)

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

Digital examination for all degree courses

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

8 (BoS)	NA	NA

2.10 Average percentage of attendance of students

~85

2.11 Course/Programme wise
     distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BSc Biotechnology	22	41	27	32	0	100
MSc Medical Biotechnology	15	7	86	7	0	100
MSc Mol. Biol. & Hum. Genet.	14	14	79	7	0	100
MSc Bioinformatics	5	60	40	0	0	100
PG Diploma (CMD)	NA	NA	NA	NA	NA	NA

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

Every subject has a teaching schedule drawn. Every class is registered through an online attendance. Students provide feedback on faculty and services. Every student is monitored and evaluated via internal assessment examinations, seminar presentations and assignments.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	25
UGC – Faculty Improvement Programme	NA
HRD programmes	NA
Orientation programmes	0
Faculty exchange programme	0
Staff training conducted by the university	6
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	25
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	12	0	0	0
Technical Staff	22	0	0	0

Criterion – III

3. Research, Consultancy and Extension

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

Faculty members encouraged to apply and procure research grants,
Results of research published in peer-reviewed, indexed journals.
Publishing faculty members rewarded as per the research policy of the University.
Every student undertakes a research project as part of the curriculum.
A new MSc program by research with 3 semesters of research work.
Researchers are encouraged to participate and present their work in conferences/symposia.
Infrastructure development to ensure research in contemporary areas

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	11	4	40
Outlay in Rs. Lakhs	119.80	298.61	140.39	4885

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	7	4	9
Outlay in Rs. Lakhs	64.26	59.05	23.08	43.12

3.4   Details on research publications

	International	National	Others
Peer Review Journals	40	0	0
Non-Peer Review Journals	0	0	0
e-Journals			
Conference proceedings	2	0	0

3.5 Details on Impact factor of publications:

Range [0.4-5.57]   Average [2.76]   h-index [   ]   Nos. in SCOPUS [42]

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		DBT, DST, IGSTC	342.75	110.67
Minor Projects		ICMR, DST	153.41	58.30
Interdisciplinary Projects				
Industry sponsored			27.90	27.90
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify) (AGE)	2016-17	AGE	1.17	1.17
Total			525.22	198.04

3.7 No. of books published   i) With ISBN No.   0   Chapters in Edited Books   1

ii) Without ISBN No.   0   0

3.8 No. of University Departments receiving funds from

UGC-SAP   0   CAS   0   DST-FIST   1

DPE   0   DBT Scheme/funds   1

3.9 For colleges   Autonomy   0   CPE   0   DBT Star Scheme   0

INSPIRE   1   CE   0   Any Other (specify)

3.10 Revenue generated through consultancy   13.08 lakhs

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	3	1	1	7	0
Sponsoring agencies	AIST, DBT, DST, MU	DST, MU	SBC(I), MU	ThermoFisher, MU	NA

3.12 No. of faculty served as experts, chairpersons or resource persons   25

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   844.52

Total

Note: Rs. 198.04 lakhs is the actual amount received from funding agencies for FY 2016-17

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	3
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

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
29	14	5	2	8		

3.18 No. of faculty from the Institution
who are Ph. D. Guides

13

and students registered under them

38

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

2

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

JRF 25   SRF 4   Project Fellows 0   Any other 9

3.21 No. of students Participated in NSS events:

University level 0   State level 0

National level 0   International level 0

3.22 No. of students participated in NCC events:

University level 0   State level 0

National level 0   International level 0

3.23 No. of Awards won in NSS:

University level 0   State level 0

National level 0   International level 0

3.24 No. of Awards won in NCC:

University level 0   State level 0

National level 0   International level 0

3.25 No. of Extension activities organized

University forum 0   College forum 3

NCC 0   NSS 0   Any other 0

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

- Science Day residential program for a week, culminating in a science exhibition for public, including school students (Feb 2017)
- Student forum organised lectures on a range of topics by external experts
- Student Council visited and donated essentials to old age home and orphanage
- Workshops and demonstrations arranged for students from schools and colleges in the state
- Donated masks to traffic police in and around the region, as part of Daan Utsav

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				
Class rooms	5	0	Institutional	5
Laboratories	25	0		25
Seminar Halls	3	0		0
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	> 460	12	Institutional	>472
Value of the equipment purchased during the year (Rs. in Lakhs)		18.6		
Others				

4.2 Computerization of administration and library

> Faculty, staff and students have access to computer, internet and Wi-Fi facility throughout the premises. Library resources are easily accessible through intranet as well as internet, providing access to thousands of online journals, books, databases and other resources. Online attendance record is available for every student via secure login. Student feedback on faculty and services is administered online at the end of every term.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books						
Reference Books	420		15		435	
e-Books						
Journals						
e-Journals	1510					
Digital Database						
CD & Video						
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	138	40	Yes	NA	NA	8	0	90
Added	07	0	Yes	NA	NA	0	0	02
Total	145	40	Yes	NA	NA	8	0	92

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

> All teachers, students, researchers and staff have Wi-Fi and internet connectivity in the premises

4.6 Amount spent on maintenance in lakhs :

i) ICT `6.84`

ii) Campus Infrastructure and facilities `37.62`

iii) Equipments `74.72`

iv) Others `7.95`

Total : `127.13`

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> Orientation program for new students of every batch, providing details about the various support services available at the University and the School

5.2 Efforts made by the institution for tracking the progression

> Teacher-guardian for every student,
> Regular feedback to students and parents (during the program)
> Faculty in touch with students regarding their progression
> Alumni cell and coordinator, contact via emails (after graduation)

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
134	90	38	0

(b) No. of students outside the state `148`

(c) No. of international students `7`

Men

No	%
82	31

Women

No	%
180	69

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
253	02	01	10	0	266	244	06	0	12	0	262

Demand ratio   10:1   Dropout % 6

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

Nil

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET   3   SET/SLET   1   GATE   1   CAT   NA

IAS/IPS etc   0   State PSC   0   UPSC   0   Others

5.6 Details of student counselling and career guidance

Students needing counselling are referred to the Student Affairs department of the University. Teacher-guardians also monitor and counsel students on a regular basis.

No. of students benefitted

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

5.8 Details of gender sensitization programmes

Nil

5.9 Students Activities

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

State/ University level   0   National level   0   International level   0
No. of students participated in cultural events

State/ University level   0   National level   0   International level   0

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

Sports : State/ University level   0   National level   0   International level   0

Cultural: State/ University level   0   National level   0   International level   0

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	33	15.03 lakhs
Financial support from government		
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs   : State/ University level   [0]   National level   [0]   International level   [0]

Exhibition: State/ University level   [1]   National level   [0]   International level   [0]

5.12   No. of social initiatives undertaken by the students   [3]

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

> Vision: To be the centre of excellence in basic and biomedical research, education and diagnostics
> Mission: to engage in cutting edge research, training, education and offer help to the community in the field of human health

6.2 Does the Institution has a management Information System

> Yes. The institution has an intranet portal and faculty and students can access the same. Circulars are emailed and uploaded on the site and students and staff can access it. Management makes use of the Microsoft software for leave approvals, purchase and inventory management. Student information portal provides marks, attendance and other academic information to students and parents.

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

6.3.1   Curriculum Development

> - Identify current areas of relevance and update the curriculum periodically
> - Moved towards Choice-based credit system for all courses
> - Introduction of new courses of futuristic relevance

6.3.2   Teaching and Learning

6.3.3 Examination and Evaluation

- Examination via e-pads and online evaluation of answer scripts
- To enhance student graduation rate (target: 1% better than average of three previous batches)

6.3.4 Research and Development

Set measurable targets for projects in cutting edge areas of science, improved publication record in indexed journals

6.3.5 Library, ICT and physical infrastructure / instrumentation

Improve number of books procured in relevant areas of teaching and research

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

Recruitment of employees is as per the university policy and guidelines, with publications and conference presentations requisite as a reflection of research capability. Every staff member receives Provident fund, Study leave, healthcare (Medicare, ESI etc.) benefits.

6.3.8 Industry Interaction / Collaboration

Seek and promote industry collaborations

6.3.9 Admission of Students

- Increase number of applications for every course, through active interactions
- Reduce attrition rate of students

6.4 Welfare schemes for

Teaching	Provident fund, school fees for reimbursement, LTC, Housing allotment, MU interest subsidy on utility loan subsidy, Medicare facility, National Pension Scheme, Sodexo meal coupons, Scholarship on course fee of spouse, children, employees, support for attending conferences, publications.
Non teaching	Provident fund, school fees reimbursement, Medicare facility, ESI scheme, scholarship for course fee for spouse, children and employees, Felicitation of employees, Best service award
Students	Medicare facilities, Anti-ragging committee, Counselling, Felicitation of students for co-curricular and academic activities, Support for attending conferences

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	Yes	TUV	Yes	Self
Administrative	Yes	TUV	Yes	Self

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?

- As part of University initiative introduced digital e-pads, replacing papers, for students to write their examinations
- Plans to introduce corrective examinations within a month of results declaration, for students to have a second chance at clearing examinations

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

Alumni are regularly updated about the activities of their alma mater and opportunities

6.12 Activities and support from the Parent – Teacher Association

Inputs from parents/guardians, where applicable, are incorporated to monitor the progress of students

6.13 Development programmes for support staff

Undertaken at the University level

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

Create awareness among students to reduce use of private vehicles inside the campus
Reduce waste generation, energy consumption
Segregated waste disposal system
'Swachh Bharath' campaigns initiated and held

Criterion – VII

7. <u>Innovations and Best Practices</u>

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

> Choice based Credit System introduced for all UG and PG programs
>
> Digital Examinations for all courses
>
> High-end molecular diagnostic methods using NGS, MS

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

> Not applicable

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

> - Research on contemporary topics of science
> - Hands-on, live project for students at all levels
> - Specialised diagnostics for public

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

7.4 Contribution to environmental awareness / protection

> - Institution has Environmental Management System (EMS) in place
> - Students learn about sustainability science
> - Students and employees participate in Swachh Bharath activities

7.5 Whether environmental audit was conducted?   Yes [✓]   No [ ]

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

> Nil

8. <u>Plans of institution for next year</u>

> Sustain existing programs, excel in current academic and research programs, enhance student all round performance, provide coaching for competitive examinations, strive for national/international scholarships, increase outreach activities and programs for societal benefit.
>
> Construction of new building (initiated) and proposal for new programs – to be completed in 2018

Name ____Dr. T.G. Vasudevan_____   Name ___Dr. K Satyamoorthy_____

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

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

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