



**SELF STUDY REPORT**  
**FOR**  
**1<sup>st</sup> CYCLE OF ACCREDITATION**

**ZSCT'S THAKUR SHYAMNARAYAN DEGREE COLLEGE**

**THAKUR SHYAMNARAYAN DEGREE COLLEGE, 90FT ROAD, THAKUR COMPLEX, KANDIVALI (E), 400101  
400101**

**[www.tsdc.in](http://www.tsdc.in)**

**SSR SUBMITTED DATE: 20-07-2022**

**Submitted To**  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
**BANGALORE**

**July 2022**

**Executive Summary**

***Introduction:***

ZSCT's Thakur Shyamnarayan Degree College is located at Kandivali, Suburban of BruhnMumbai Municipal Council (BMC). The TSDC is located in heart of city, urban area of Kandivali on East Side. It is the key to approach the stakeholders. Locations pertain to feelings- feelings are bound to up in place. It is located at 19.213805o latitude and at 72.864869o altitude. It is topographical location.

Sociological location of TSDC is cosmopolitan area. The population of Kandivali is 6,16,428. Amongst the population upper and upper middle class, Gujarati population is more. To cater the need of such cosmopolitan, higher and higher middle class population in 2016, Thakur Education Trust and Thakur Zagdu Singh's Charitable Trust took initiate to start professional degree college as Thakur Shyamnarayan Degree College.

TSDC is affiliated to University of Mumbai. Under the flagship of University of Mumbai, TSDC navigating the educational shipment. The TSDC has the institute no. 1019 (AFF.II/ICD/2014-15/31716 Dated-25/11/14) institutional registration number with University of Mumbai.

#### Location Summary-

**Geographical Location:** Altitude 19.213805o Latitude 72.864869o

**Address:** 90 Feet Rd, Kandivali, Thakur Complex, Kandivali East, Mumbai, Maharashtra 400101

**Sociological Location:** Cosmopolitan population with higher and higher middle class predominant

**Locational Population:** 6,16,428

#### Type of Institute

Thakur Shyamnarayan Degree College, Kandivali (E), Mumbai, 400101, is HEI govern by Zagdu Singh Charitable Trust (ZSCT)

ZSCT i.e. Zagdu Singh Charitable Trust was created by the Thakur Family out of the sense of responsibility of repaying the social debt. The Trust was formed and registered as a Public Charitable Trust at Mumbai in March 1995. The benevolent objectives of the Trust as laid down in the Bye laws are advancement of Education & Medical Relief.

It has co-education mode. Its institute governs by ZSCT which is minority trust. It is linguistic (Hindi) minority trust. The quality policy of ZSCT TSDC are - to contribute society the high level learning, to meet the global standards, to create excellent learning environment; to foster education accessible, affordable and innovative. It has self-financing status, it not receives grant in aid from government. It sustains for quality education through social contribution of stakeholders in the form of fees.

***Vision:***

ZSCT's Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai follows the practice of decentralisation in its true sense, in all the three important pillars of the institution, viz. academics, administration and extra-curricular activities. TSDC work towards the designing and implementation of the institutional quality policy. The various administrative and academic departments and mandatory bodies such as IQAC, CDC, etc. having well-defined roles and principles keeping in sync with the vision and mission of the College.

- **Knowledge and wisdom to the young and give prudence to the simple**

Facilitating learner centric multidisciplinary course curriculum, pedagogy and resources through technology enabled a joyful and diverse learning environment

- **Build the minds of tomorrow's leaders**

Providing demand driven educational programs for enhancing skills and employability. Certificate courses were held on Skill development. Emphasizing value guided competencies among learners for developing socially responsible professionals and leaders.

- **Benchmark career goals offering academic excellence**

The Institution is ISO 9001:2015 and has green campus certification. The Institute is a pioneer to introduce value addition programs which are conducted through various MoUs signed with organizations/industries. For addressing needs of the society and the students, the faculty is sponsored to visit industries and research centres to update themselves on these issues.

- **Furnish skills at our best.**

Effective Use of ICT in Teaching and Learning: All classrooms and labs are fully equipped with ICT facilities, offer dedicated certificate add-on courses.

- **Follow the global trend, not forgetting the local relevance.**

Promotes the culture of research amongst students by organizing Research. Adapting environment friendly and energy efficient best practices for sustainable development. Addressing issues and priorities for empowering the local community with a global perspective. 5 International conferences organized by departments on different topics. The Research and Development activities of HEI are true to follow the global trends with local relevance.

***Mission:***

**The Mission of Thakur Shyamnarayan Degree College is –**

We will contribute to society through the –

- Pursuit of Education with high level of excellence of education
- Pursuit of Education with fostering accessible education
- Pursuit of Education with fostering affordable education
- Pursuit of Education with innovative education

TSDC provides education for last five years since 2017-18. The examination result for last five years is consistently 100%. It shows the pursuance of education with high level at excellence of education. To start with one department (ID - Microbiology) to 10-15 departments within span of five years marks high level of excellence of education. To start with 20 students in 2017-18 to 942 students in 2021-22 is indicative of governance, management and its mission to pursuit of Education with high level of excellence of education.

About 1000 of students access studies in TSDC for 10 different departments in span of five years shows TSDC and its management is having focus on mission for pursuit of education with fostering accessible education.

Academic feedback and general feedback is collected regularly from every stake holder as students, parents, employers, alumni and teachers. It was analyzed and action taken for suggestions, for improvement in accessions of education means pursuit of education with fostering affordable and accessible education from 10% enrolment percentage to 62% enrolment percentage of student shows pursuit of accessible education. About 65% of students of reserve categories enrollment shows effort of Management for accessible education.

8% scholarship – free ship provision, in general to students indicates the governance is keen on fostering affordable education. The increase in enrolment % from 10% to 62% in five years of college explains that Institute is fostering affordable education.

25 add on courses, 20 different for effective curriculum delivery 66 courses that integrates cross cutting issues, about 60% students undertaking projects, about 20:1 ration of students to teacher, conferences in research, research projects, over 1200 teacher participation in workshops, over 100 students attended various training sessions, about 700 co-curricular and extracurricular activities, 10 and more awards to Institute, awards to students pursuit of innovative education.

## SWOC

### *Institutional Strength :*

#### **Infrastructure:**

HEI has an excellent infrastructure for proper academic delivery. It includes the Air conditioned smart classrooms, Upto mark auditorium, knowledge rich library, Advance equipped laboratories, Event rooms.

#### **Visionary Management:**

The learned, dedicated, visionary Governance body under able guidance of Shri. V. K. Singh Sir, Chairperson of the Thakur Education Group consisting about 50,000 students. The Motto of Governance is a quality Education with high level of excellence.

**Disciplined Work Force:**

Disciplined work force (teaching and Non-teaching Staff) is the bridge between goals and accomplishment in this institute.

**Focused Students:**

Energetic, focused students who honored by National Prizes, State Level Achievements, University Level Excellences and District Level Trophies for Academics, Sports, Cultural activities, Social Commitments, Research Involvements are the **strength** of this college.

**Diversified courses:**

Diversified Education prepares students for a variety of career opportunities in a diversity of occupations. In 2017-18, this HEI started with one Programme (Department) in 2021-22, it has 15 different Programs (Departments). It is **Strength** of this HEI.

**Affiliation to University of Mumbai:**

This institute is affiliated to University of Mumbai. Placental relation of this HEI with University of Mumbai is **strength** of this institute. In other words, mother of HEI is University of Mumbai, which is premium University with A++.

**Location:**

The HEI is located in heart of city, urban area of Kandivali. It is the key to approach the stakeholders.

**Humanistic Approach:**

Students are encouraged to take control over their education. Institute made them to choose that can range from daily activities to future goals.

**ICT Facilities:**

The advanced ICT facilities with WiFi facilities are the **strength** of this college.

**Commitment for excellence –**

HEI always considers that excellence is not a skill, it's an attitude. HEI has thousands of activities under NSS, DLLE, sports, cultural, WDC for excellence development in student towards the life skills.

**Research and Development –**

Involvement of teachers and students for fundamental research work made the sensitisation - momentum in field of research and development. It is **strength** of HEI.

### ***Institutional Weakness :***

Emerging Out:

This institute is established in 2017-18. It was having only 20 students in a first batch and 06 students in second batch of graduation. The intake of students is weakness of this institute. It is because of emerging out stage of the college. It is just started in 2017-18.

Progress development does not take place easily but through painful emergence. Emergence of ever more complex structures seems to be programmed into the nature of our evolving cosmos. Weakness of HEI into ever more complex structure like evolving cosmos requires time, patience and dedicated efforts; it is because Rome is not built in one day.

### ***Institutional Opportunity :***

1.Scope of Quantitative growth:

Twenty students in 2017-18 to over thousand students in 2021-22, indicate scope for quantitative growth of College.

Scope for quantitative growth is one of the best opportunity to be considered for this Institute. The quantitative growth shows that HEI is right where it is at present. It is point of growth continuation.

2. Scope for Qualitative growth:

This Institute received over 10 awards by Government recognized Institutes.

The awards, honors for HEI indicates that there is scope for qualitative growth.

Highly placed, social valued government registered authorities took note of social activities, cultural activities, sport activities, Women Empowerment activities along with academic excellence of this HEI. The reorganization by the third party, the awards for college for its excellence indicates. HEI committed for qualitative growth.

The HEI shown progressive improvement in quality educational value. This institute always tries to become success with human social values. The qualitative growth means development. This institute is having opportunity for qualitative development all always.

### 3. Assessment and Accreditation:

The accreditation framework of NAAC is based on contribution to National Development; Fostering Global Competencies among students; Inculcating value system among students; Promoting use of technologies; Thrive for excellence. The

HEI is interested to go for accreditation and assessment by NAAC. It is an opportunity for HEI for Contributing to National Development, Fostering Global Competencies among students, Inculcating values system among students promoting use of technologies, Thrives for excellence. To undergo AA through NAAC is an opportunity to HEI for excellence in curriculum, co-curriculum and Extra-curriculum.

### 4. Support to students:

HEI is student centric. To work on student support and progression is one of the opportunity to this Institute. Support to students for scholarship, students will be provided with clear and update information about their courses including learning and assessment methods, students support is an essential component of every learning process. Student's retention, Success and Satisfaction will be main opportunities to HEI.

### ***Institutional Challenge :***

#### 1. Best College in University:

Best means better than others. HEI is having challenge to achieve Best College in Mumbai University. The HEI is working on the criterias of Mumbai University to award as Best College. It is challenge to HEI to apply for the best college in Mumbai University after the Assessment and Accreditation by NAAC.

#### 2. Best College in Maharashtra State:



This HEI is always having quest for Excellence. At state level, the state Government also declares the best college award. HEI is taking this as challenge to be honored as a Best College in a state. Inculcation of Social, the government expecting the HEI should contribute to nation building and skill development of students.

### 3. Autonomous College:

There is reexamination for fail/ATKT students to save semester of students. The syllabus of autonomous colleges is much updated than University. Scoring high CGPA is easier in autonomous colleges rather than in University. Chances of getting backlogs are very less in autonomous college. The HEI is making efforts to get autonomy after NAAC. It is one of the challenge considered by HEI.

### 4. CPE: (College of Potential Excellence)

The parameters for assisting the colleges under the CPE scheme are-

- a. Transparency in admission
- b. Consistent Academic Improvement
- c. Introduction to Innovation in Curriculum
- d. Strengthening of laboratories
- e. Improvement of college Library
- f. Use of IT and Current Technologies
- g. Promotion of skill Orientation Programmes
- h. To improve UG in HEI by interfacing of the PG Programmes
- i. Networking with University Departments, Research Centers and laboratories in country.

The HEI is working on parameters for placing it as CPE College in near future. Presently the strength of this Institute is strong enough to take 'CPE' as challenge.

### 5. Incubation Centre

Through the Incubation-Innovation Center, students gain hands on experience in Innovation and Entrepreneurship while being nurtured and encouraged. The institute took it as challenge to start and run the Incubation and Innovation center in HEI.

## Criteria wise Summary

***Curricular Aspects :***

Institution ensures effective planning of curriculum and effective delivery of curriculum through-

- 1) Planned Academic Calendar of individual teacher, planned academic calendar of department and of the Institute.
- 2) Scheduled time table of individual teacher, of the department and of the Institute.
- 3) Blended teaching (offline and online)
- 4) Daily and monthly report about academic work of each teacher & each department
- 5) Preparation of defaulter list of students, follow up of defaulters in parent-teacher meetings
- 6) Regular class tests, seminars, projects, workshops presentations, timely feedback, analysis of feedback and action taken on feedback, SWOC analysis and action for improvement was carried out at regular interval.
- 7) Research- review papers by teachers and students, participation of Teachers and Students in national and international research conferences.
- 8) Efforts for slow learners and advanced learners were carried out for effective curriculum delivery.
- 9) Regular class tests for review of effective curriculum delivery
- 10) ICT class rooms for review of effectiveness of Curriculum Delivery
- 11) Library as a knowledge resource
- 12) Well acquired Laboratories
- 13) Regular exams and evaluation to require effectiveness of curriculum delivery
- 14) Presentation on curriculum by students adds effective curriculum delivery
- 15) Daily attendance of students for each lecture of each academic day of each month of each academic semester was followed to insure effective curriculum delivery.

College has carried out 17 Diploma and 08 certificate courses as add on and value added courses. 1049 students attended Diploma Courses and certificate courses.

Institute carried out 19 professional ethics issues programmes, 16 gender issues functions, 16 Human values issue events and 15 Environment and sustainability cross cutting issues for curriculum enrichment. In all 66 cross cutting events, awareness issues were carried out. Gender awareness programmes include District

level webinar; Women Entrepreneurship, self-defense workshop, domestic violence awareness, women dignity and International Women day Celebration.

Environmental sustainability includes state level workshop, quiz competition, green campus, auditing of energy and campus, etc.

Institution obtained feedback from alumni, students, Employee and Employer. The feedback was analyzed and discussed in College Development Committee, in IQAC. Then prepared action plan and execution accordingly.

### ***Teaching-learning and Evaluation :***

Student enrolment is 33% in the year 2017-18. It was the first year of college with one programme. It goes on increasing up to 66% in the year 2021-22. It is the fifth year of college with 10 functional programmes.

Percentage of seats filled for reserved categories is 50% to 62% of total enrolment. HEI put every effort to enrolment of student in general and for reservation in specific.

Student to the full time teacher ratio is 21:1. As per UGC's regulations (dated 18th May 2010) it should be 25:1. This HEI has less than prescribed. It means better skilled human resource (teachers) for better teaching – learning and evaluation.

100% PG qualified teachers with 100% teachers post fulfillment shows governance is keen on student centric teaching, learning and evaluation. There is about 9% of teachers are with higher degrees than the post-graduation.

HEI has potential student centric experimental learning, participative learning and problem solving methodology. Experimental learning involves research projects, Research conferences, training sessions of students, projects based on curriculum. Participative learning involves participation of students in conferences, participation in sports, cultural and social programmes. Problem solving methodology activities involves group discussion, debates, etc. Infrastructure worth to mention including 21 classrooms, 23 laboratories, 26 facility centres, PCs, etc.

Active Grievance Redressal system with Examination Committee Carries out the examination and Evaluation by transparent, efficient and time bound frame. Its working is as per rules regulations of Mumbai University. The Examination and Evaluation process is carried out as per 'Ordinance and Regulations' with respect to Credit Based Semester and Grading System (CBSGS) by the University of Mumbai (Item no.4.102 dated 25th May 2011. Xerox of answer books, Revaluation and Rechecking of Internal examination as well as semester end examination is carried out.

The 100% result of all three years of all degree programmes indicates the teaching, learning and evaluation was planned and executed for best POs and COs.

The 100% result of all three years of all degree programmes shows better student performance. It also indicates the teaching, learning and evaluation was planned and executed for best POs and COs.

### ***Research, Innovations and Extension :***

Teachers involved in research projects, 46 research projects carried out, **Rs. 4,40,600/-** fund for research generated by governance body of HEI.

Ecosystem of Innovation and its creation and transfer of Knowledge is active and significant in HEI. It has '**3 Patents**' sanctioned by Germany.

HEI held **16** workshops on research methodology, **01** on intellectual property right and **04** on entrepreneurship. HEI has organized **21** workshops/seminars/conferences on research methodology, intellectual property rights and entrepreneurship. **3313** students, delegates, participants get benefited.

About 700 number of research papers published in UGC listed journal.

33 number of teachers involved in this activity. Thus, about 21 research papers published by each teacher. It shows active involvement of teachers in the research activity.

05 books and 20 research papers published in proceeding of National conference on NEP published by the teachers. The percentage ratio of books and souvenir publication by teachers is in last five years is about 75%.

HEI has carried out 64 social activities under the NSS, 24 gender sensitization and community activities by Women Development cell, 44 extension activities by DLLE, 62 cultural activities while 06 sports related extension activities by students. In all 230 extension activities were carried out. NSS organised blood donation camp, COVID-19 Vaccination drive, activities for COVID Warriors etc. The Women Development cell bring about awareness and sensitivity in the students about Women, competition based on Gender sensitization. Department of Lifelong Learning and Extension covered activities related to Career guidance, Industrial training, Annapoorna Mahotsav. Cultural activities were related to Azadi Ka Amrit Mahotsav and talent hunt for dancing, singing, drama, etc. College sport committee organised Winter Sports Mania – 2021, State level sports events, indoor and outdoor sports.

The College received 01 International 09 National level Best college Award. Teachers were felicitated by 10 international and 08 national level awards while students received 25 International, 31 National, 12 state level, 03 district, 06 intercollegiate level awards.

HEI carried out 38 extension and outreached programmes conducted in collaborations with Industry, Community and NGOs.

Institute has 12 MOUs, collaborations / linkages for faculty exchange, internship, field trip, on-the Job training.

### ***Infrastructure and Learning Resources :***

Air conditioned building, spacious classrooms with smart boards & ICT enabled systems. It has 23 laboratories with specified educational amenities. HEI has 26 facilities rooms including first aid room, cafeterias, sport facilities, 3 auditoriums and so on. Best infrastructure and better physical facilities with aesthetic look is USP of TEG and its Institutes. HEI has 21 AC class room with either smart boards or projector and LCD facilities.

About 9% of expenditure was done on infrastructure augmentation. It is about 62 lakh rupees for infrastructure augmentation.

Library is fully automated. Library has 28000 documents and subscription with 300 seating capacity. The ILMS is done by KOHA software, version 20.11.06.000. The ILMS has automation for OPAC – Library database searching; Patron include to Library services like books availability, book position, book issuing, book returning, automated serial module for keeping track of journals, etc.; Acquisitions module provides automated library record, budgeting, purchases, vendors, quotations; Report generation is also automated through Koha, Barcoding of library resources is also done by Koha automated system.

E-resources are as e-library N-List, NDL is available.

Annual expenditure is 7.15 lakhs rupees for the year 2021-22.

About 15% students and staff uses the library facilities daily.

ICT facilities are maintained by technical staff of college. HEI has Lab assistants, trained wireman to regular maintenance of ICT facilities. ICT facilities of HEI is another strong asset of this Institute. It includes Network equipment for internet connection through wire and or wireless; Telecommunication services including telegraph, telephone and video telephone. HEI had computing hardware such as servers, basic software (OS), Application server, Database server; electric power; Computing platforms having cloud computing services for high performance data analytics and machine learning; IT services such as back-up; Information securities as antiviral devices; Vigilance facilities in form and CCTV; ICT enabled classrooms and laboratories.

Institute has Wi-Fi campus. It has Reliance Jio internet connection with 36 mbps.

Student – computer ratio is 4:1.

35.72% of expenditure incurred on maintenance of infrastructure and academic support facilities.

HEI has AMC, for Drinking water facilities, air conditioners, pest control, Elevators / Lifts, CCTV and Fire safety.

### ***Student Support and Progression :***

About 1% of the students benefited by scholarship – free ship. Approximately 8 Lakh rupees were provided by college trust for same.

College has carried out in all **99** capacity building and skills enhancement initiatives. It include **24** soft skill events, **03** Language and communication skills events, **37** Life skills programme, **16** ICT / computing skills programme. It also involves **19** diploma and certificate courses on capacity building and skill enhancement.

College organized **29** events of guidance for competitive examination and career counselling. In all 1291 students attended the same. About 80% of students benefited by this.

Institute has functional anti ragging Committee, Grievance Redressal Committee and Women Grievance Redressal committee. Frequent meeting, extensive awareness and immediate solution by each committee insures transparent mechanism for redressal of student grievances.

Institute has active training and placement activities under the committee and appointed Training – Placement officer. About 50% of outgoing students placed and or progressed to higher education. Training and placement officer and committee organized over 20 cu writing and soft skill development programme. TPO invited over 30 various companies for training and placement. Hardly any student get through examination like JAM/CLAT/GAE/CAT /TOFEL/CIVIL Services/ State Services. College put every efforts for students to qualify in various competitive for same.

82.8% of sports and cultural programmes in which students of institution participated. College organized 07 sports events, 70 cultural events, 29 events in other colleges.

Alumni are in touch with the teachers and freshers. They donated 20 books (3 copies of each book) to college of worth Rs.87,200/- They organized about 35 events along with Library Committee for the present Students.

### ***Governance, Leadership and Management :***

The Governance and Leadership is in accordance with vision and mission of HEI. Facilitating learner centric multidisciplinary programmes (Departments); demand driven educational programmes; Effective ICT; Uptomark infrastructure; Promotion of research culture; 100% result of students; student progression indicates excellence in governance and leadership.

Decentralization and participative governance is observed through hierarchy as the chairperson, CEO, College Development Committee, Principal, HOD (coordinator), various committees of teachers and students like IQAC and so on.

Appointments of staff is done through advertisement, Rule books of staff, students is displayed on the website. The deployment of perspective plan is done properly.

HEI implements the e-governance in Administration, Finance, Accounts, Student admission and Examination.

Accidental insurance, Mediclaim, Sponsorship Scheme for staff for attending training, seminar and workshop is provided by Governance as staff welfare.

Teacher's self-appraisal is collected by the administration for appreciation and or correction in system.

Management provided Rs. 4,71,450/- towards staff development, Rs.35,000/- for patent, Rs.3,87,150/- for teachers to member of professional bodies.

About 100% teaching and non-teaching staff participated in FDP.

Internal and external financial audits were conducted. The remark of external audit for last five years is as **Receipts and Payments are correct; Books of accounts are verified. It shows regularity in accounts. No audit objections / compliances.**

IQAC has significantly contributed in 408 programme for curriculum, co-curriculum and extra curriculum excellence.

IQAC conducted meetings at regular intervals, feedback collected, analyzed and used for improvements. IQAC executed **ISO 9001:2015** as quality audit.

***Institutional Values and Best Practices :***

About 46 action programmes were carried out for promotion of Gender equality.

College organized 58 national, international commemorative days for placing a mental bookmark on special occasions.

The institution has facilities and initiatives for alternate sources of energy as solar energy system. LED bulb system and Sensor based electrical devices for energy conservation. HEI has solid and liquid waste management system with Bruhn Mumbai Municipal Council. Canteen and garden solid waste is managed by Vermicomposting. Biomedical waste of microbiology department is treated by autoclave sterilization. E-waste management with E-incarnation Recycling Private Limited.

Rain water harvesting, Borewell / open well recharge / construction of Tanks and Water bodies are the efforts for the conduct of water conservation.

HEI has put the efforts for conduct of barrier free environment by disabled friendly Ramps / Lifts, disabled friendly washrooms, Tactile paths, Signage and Green Campus.

HEI has carried out Green audit, Environment audit, Energy audit regularly as environment and energy initiative. HEI has received Clean and Green Campus recognition awards for its outstanding initiative. Institute has carried out over 15 Environmental Promotion Activities.

Institute arranged 128 events for inclusive environment.

To make students to understand about our Indian culture, college executed Know Your Culture as first best practice.

To establish digital literacy in citizens through college youth is another best practice implemented. More than thousands of citizens trained as netizen is initiative.

The performance of Institute in Research and Development is very distinctive. Three patent registration in Germany ultimate mile stone by Institute.

**Profile****BASIC INFORMATION**

**Name and Address of the College**

|         |  |
|---------|--|
| Name    | ZSCT'S THAKUR SHYAMNARAYAN DEGREE COLLEGE  |
| Address | Thakur Shyamnarayan Degree College, 90ft road, Thakur Complex, Kandivali (E), 400101 |
| City    | Mumbai   |
| State   | Maharashtra  |
| Pin     | 400101   |
| Website | <a href="http://www.tsdc.in">www.tsdc.in</a>   |

**Contacts for Communication**

| Designation             | Name           | Telephone with STD Code | Mobile     | Fax          | Email                       |
|-------------------------|----------------|-------------------------|------------|--------------|-----------------------------|
| Principal               | Sharad Phulari | 022-28542917            | 9420029123 | 022-28541993 | sharadphulari@tsdcmumbai.in |
| IQAC / CIQA coordinator | Bharti Wadekar | 022-28543540            | 9421303579 | 022-28541993 | bhartiwadekar@tsdcmumbai.in |

**Status of the Institution**

|                    |                            |
|--------------------|----------------------------|
| Institution Status | Private and Self Financing |
|--------------------|----------------------------|

**Type of Institution**

|           |              |
|-----------|--------------|
| By Gender | Co-education |
| By Shift  | Regular      |



|  |   |
|--|---|
| <b>Recognized Minority institution</b>     |   |
| If it is a recognized minroity institution | Yes<br><a href="#">Minority Certificate.pdf</a> |
| If Yes, Specify minority status            |   |
| Religious                                  |   |
| Linguistic                                 | Hindi   |
| Any Other                                  |   |

|  |  |                                       |                           |                |
|--|--|---------------------------------------|---------------------------|----------------|
| <b>Establishment Details</b>   |  |                                       |                           |                |
|  |  |                                       |                           |                |
| <b>State</b>   | <b>University name</b>   | <b>Document</b>                       |                           |                |
| Maharashtra  | University of Mumbai   | <a href="#">View Document</a>         |                           |                |
| <b>Details of UGC recognition</b>  |  |                                       |                           |                |
| <b>Under Section</b>   | <b>Date</b>  | <b>View Document</b>                  |                           |                |
| 2f of UGC  |  |                                       |                           |                |
| 12B of UGC   |  |                                       |                           |                |
| <b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b> |  |                                       |                           |                |
| <b>Statutory Regulatory Authority</b>  | <b>Recognition/Approval details Institution/Department programme</b> | <b>Day,Month and year(dd-mm-yyyy)</b> | <b>Validity in months</b> | <b>Remarks</b> |
| No contents  |  |                                       |                           |                |

|                     |
|---------------------|
| <b>Recognitions</b> |
|                     |

|   |  |            |                      |                          |
|---|--|------------|----------------------|--------------------------|
| Is the College recognized by UGC as a College with Potential for Excellence(CPE)? |  | No         |                      |                          |
| Is the College recognized for its performance by any other governmental agency?   |  | No         |                      |                          |
| <b>Location and Area of Campus</b>  |  |            |                      |                          |
| Campus Type   | Address  | Location * | Campus Area in Acres | Built up Area in sq.mts. |
| Main campus area  | Thakur Shyamnarayan Degree College, 90ft road, Thakur Complex, Kandivali (E), 400101 | Urban      | 1.31                 | 15751.01                 |

## ACADEMIC INFORMATION

| Details of Programs Offered by the College (Give Data for Current Academic year) |   |                    |   |                       |                     |                         |
|--|---|--------------------|---|-----------------------|---------------------|-------------------------|
| Program Level  | Name of Program/Course                            | Duration in Months | Entry Qualification   | Medium of Instruction | Sanctioned Strength | No.of Students Admitted |
| UG   | Integrated(UG),Bsc Interdisciplinary Microbiology | 36                 | Students aspiring to pursue the course need to have completed the 10+2 level of education Physics, Chemistry and Biology as main subjects at H.Sc. level.       | English               | 60                  | 29                      |
| UG   | Integrated(UG),Bachelor Of Mass Media             | 36                 | students aspiring to pursue the course need to have completed the 10+2 level of education or equivalent qualification in any stream for applying to the course. | English               | 60                  | 18                      |
| UG   | Integrated(UG),Bachelor Of Management Studies     | 36                 | Candidate shall have passed the H.S.C.(Std. XII) examination Maharashtra Board or a diploma in any engineering branch after passing S.S.C. examination          | English               | 150                 | 149                     |
| UG   | Integrated(UG),Bsc Information Technology         | 36                 | Candidate shall have passed H.S.C. examination with Mathematics as one of the subject and have secured not less than 45% marks in aggregate                     | English               | 60                  | 39                      |
| UG   | Integrated(UG),Bsc Hospitality Studies            | 36                 | Candidate shall have passed XII Standard Examination in any discipline/stream   | English               | 60                  | 60                      |

|    |  |    |   |         |    |    |
|----|--|----|---|---------|----|----|
| UG | Integrated(UG),Bsc Computer Science                        | 36 | Candidate passed H.S.C. examination with Mathematics as-one of the subject and have secured not less than 45% marks in aggregate.   | English | 60 | 23 |
| UG | Integrated(UG),Ba Culinary Arts                            | 36 | Candidate shall have passed standard XII / 10 + 2 examination (any stream)  | English | 60 | 18 |
| UG | Integrated(UG),Bcom Accounting And Finance                 | 36 | HSC or its equivalent and should have secured 45% marks in aggregate at first attempt for open category.  | English | 60 | 21 |
| UG | Integrated(UG),Bsc Aeronautics Mechanical                  | 36 | HSC (10 + 2) with minimum 45% marks in aggregate with English, Physics and Mathematics subjects or Diploma (10 + 3) awarded by MSBTE or equivalent by any other Government body | English | 60 | 54 |
| UG | Integrated(UG),Bsc Aeronautics Avionics                    | 36 | HSC (10 + 2) with minimum 45% marks in aggregate with English, Physics and Mathematics subjects or Diploma (10 + 3) awarded by MSBTE or equivalent by any other Government body | English | 60 | 49 |
| UG | Integrated(UG),Ba Film Television And New Media Production | 36 | passed the Higher Secondary School Certificate Examination  | English | 60 | 0  |
| UG | Integrated(UG),Bsc Psychology                              | 36 | Higher Secondary Certificate (10+2) qualification with a minimum aggregate score of 50%   | English | 60 | 0  |
| UG | Integrated(UG),Bsc Actuarial Science                       | 36 | 10+2 qualification with minimum 60% in aggregate, and minimum 70% in aggregate in Math, or an enrollment to the Institute of Actuaries of India as a Student Member.            | English | 60 | 0  |
| UG | Integrated(UG),Bsc Data Science                            | 36 | shall have passed XII Standard Examination in any discipline/stream of any state Board for Higher Secondary Education or its equivalent from India or abroad                    | English | 60 | 0  |
| UG | Integrated(UG),Bcom Banking And Insurance                  | 36 | HSC or its equivalent and should have secured 45% marks in aggregate at first attempt for open category.  | English | 60 | 0  |

### Position Details of Faculty & Staff in the College

#### Teaching Faculty

|  | Professor |        |        |       | Associate Professor |        |        |       | Assistant Professor |        |        |       |
|--|-----------|--------|--------|-------|---------------------|--------|--------|-------|---------------------|--------|--------|-------|
|  | Male      | Female | Others | Total | Male                | Female | Others | Total | Male                | Female | Others | Total |
| Sanctioned by the UGC /University State Government | 1         |        |        |       | 0                   |        |        |       | 0                   |        |        |       |
|  |           |        |        |       |                     |        |        |       |                     |        |        |       |

|   |   |   |   |   |   |   |   |   |    |    |   |    |
|---|---|---|---|---|---|---|---|---|----|----|---|----|
| Recruited   | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0  | 0  | 0 | 0  |
| Yet to Recruit  | 0 |   |   |   | 0 |   |   |   | 0  |    |   |    |
| Sanctioned by the Management/Society or Other Authorized Bodies | 0 |   |   |   | 0 |   |   |   | 44 |    |   |    |
| Recruited   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 30 | 0 | 44 |
| Yet to Recruit  | 0 |   |   |   | 0 |   |   |   | 0  |    |   |    |

### Non-Teaching Staff

|   | Male | Female | Others | Total |
|---|------|--------|--------|-------|
| Sanctioned by the UGC /University State Government              |      |        |        | 0     |
| Recruited   | 0    | 0      | 0      | 0     |
| Yet to Recruit  |      |        |        | 0     |
| Sanctioned by the Management/Society or Other Authorized Bodies |      |        |        | 12    |
| Recruited   | 8    | 4      | 0      | 12    |
| Yet to Recruit  |      |        |        | 0     |

### Technical Staff

|   | Male | Female | Others | Total |
|---|------|--------|--------|-------|
| Sanctioned by the UGC /University State Government              |      |        |        | 0     |
| Recruited   | 0    | 0      | 0      | 0     |
| Yet to Recruit  |      |        |        | 0     |
| Sanctioned by the Management/Society or Other Authorized Bodies |      |        |        | 4     |
| Recruited   | 4    | 0      | 0      | 4     |
| Yet to Recruit  |      |        |        | 0     |

### Qualification Details of the Teaching Staff

**Permanent Teachers**

| Highest Qualification  | Professor |        |        | Associate Professor |        |        | Assistant Professor |        |        |       |
|------------------------|-----------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|-------|
|                        | Male      | Female | Others | Male                | Female | Others | Male                | Female | Others | Total |
| D.sc/D.Litt/LLD/DM/MCH | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| Ph.D.                  | 1         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 1     |
| M.Phil.                | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| PG                     | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| UG                     | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |

**Temporary Teachers**

| Highest Qualification  | Professor |        |        | Associate Professor |        |        | Assistant Professor |        |        |       |
|------------------------|-----------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|-------|
|                        | Male      | Female | Others | Male                | Female | Others | Male                | Female | Others | Total |
| D.sc/D.Litt/LLD/DM/MCH | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| Ph.D.                  | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 2      | 0      | 2     |
| M.Phil.                | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 1      | 0      | 1     |
| PG                     | 0         | 0      | 0      | 0                   | 0      | 0      | 15                  | 26     | 0      | 41    |
| UG                     | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |

**Part Time Teachers**

| Highest Qualification  | Professor |        |        | Associate Professor |        |        | Assistant Professor |        |        |       |
|------------------------|-----------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|-------|
|                        | Male      | Female | Others | Male                | Female | Others | Male                | Female | Others | Total |
| D.sc/D.Litt/LLD/DM/MCH | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| Ph.D.                  | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| M.Phil.                | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| PG                     | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| UG                     | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |

**Details of Visting/Guest Faculties**

| Number of Visiting/Guest Faculty engaged with the college? | Male | Female | Others | Total |
|--|------|--------|--------|-------|
|  |      |        |        |       |

0

0

0

0

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**

| Program |        | From the State Where College is Located | From Other States of India | NRI Students | Foreign Students | Total |
|---------|--------|---|----------------------------|--------------|------------------|-------|
| UG      | Male   | 575                                     | 54                         | 0            | 0                | 629   |
|         | Female | 285                                     | 28                         | 0            | 0                | 313   |
|         | Others | 0                                       | 0                          | 0            | 0                | 0     |

**Provide the Following Details of Students admitted to the College During the last four Academic Years**

| Category |        | Year 1 | Year 2 | Year 3 | Year 4 |
|----------|--------|--------|--------|--------|--------|
| SC       | Male   | 0      | 1      | 7      | 14     |
|          | Female | 0      | 5      | 11     | 15     |
|          | Others | 0      | 0      | 0      | 0      |
| ST       | Male   | 0      | 1      | 1      | 1      |
|          | Female | 0      | 0      | 0      | 0      |
|          | Others | 0      | 0      | 0      | 0      |
| OBC      | Male   | 0      | 5      | 20     | 40     |
|          | Female | 0      | 3      | 8      | 22     |
|          | Others | 0      | 0      | 0      | 0      |
| General  | Male   | 5      | 34     | 149    | 306    |
|          | Female | 7      | 29     | 69     | 146    |
|          | Others | 0      | 0      | 0      | 0      |
| Others   | Male   | 2      | 43     | 140    | 268    |
|          | Female | 12     | 41     | 73     | 130    |
|          | Others | 0      | 0      | 0      | 0      |
| Total    |        | 26     | 162    | 478    | 942    |

## Institutional preparedness for NEP

### 1. Multidisciplinary/interdisciplinary:

• College Faculty attended ‘National Webinar’ on Multidisciplinary and holistic education on Monday 2nd Aug. 2021. This NEP webinar helped a lot in gaining the idea new horizons of Government of India regarding National Education Policy – 2020. The gain in knowledge by Teachers then catered to the Students. • This college organized TSDC N-Con 22 that is National –E-Conference (NEP) 2020. It was organized on Monday, 28th March, 2022. IQAC and National Service Scheme (NSS) and ‘ Department of Life Long Learning and Extension (DLLE) in association with KLE Society’s College of Science and Commerce, Kalamboli New Mumbai Jointly organized the National E-Conference on NEP-2020. • The research papers as well as review papers on TSDC-N-Con 22 were published in International Journal of Advanced Research in Science, with ISBN/ISSN Indexed, double peer team reviewed journal with Impact factor more than 6. A) Plan of Institution to transform itself into Holistic Multidisciplinary Institute Year Branches 2017-18 Science 2018-19 Science + Arts 2019-20 Science + Arts + Commerce 2020-21 Science + Arts + Commerce 2021-22 Science + Arts + Commerce B) Institutional approach towards to transform itself into Holistic Multidisciplinary Institute Year Branches Programmes 2017-18 Science B.Sc Interdisciplinary 2018-19 Science + Arts B.Sc Interdisciplinary B.M.M B.A (Film Television & New Media Production) B.Sc ( Psychology) B.Sc (Actuarial Science) B.Sc (Data Science) 2019-20 Science + Arts + Commerce B.Sc Interdisciplinary B.M.M B.A (Film Television & New Media Production) B.Sc ( Psychology) B.Sc (Actuarial Science) B.Sc (Data Science) B.M.S B.A (Culinary Arts) B.Sc (Computer Science) B.Sc (Information Technology) B.Sc (Hospitality Studies) 2020-21 Science + Arts + Commerce B.Sc Interdisciplinary B.M.M B.A (Film Television & New Media Production) B.Sc ( Psychology) B.Sc (Actuarial Science) B.Sc (Data Science) B.M.S B.A (Culinary Arts) B.Sc (Computer Science) B.Sc (Information Technology) B.Sc (Hospitality Studies) 2021-22 Science + Arts + Commerce B.Sc Interdisciplinary B.M.M B.A (Film Television & New Media Production) B.Sc ( Psychology) B.Sc (Actuarial Science) B.Sc (Data Science) B.M.S B.A (Culinary Arts) B.Sc (Computer Science) B.Sc (Information Technology) B.Sc (Hospitality Studies) B.Com (Accounting & Finance) B.Com (Banking & Insurance) B.Sc Aeronautics (Mechanical) B.Sc Aeronautics (Avionics) C. Institution courses / programs with flexible and Innovative curriculum including Credit Based Courses- All above 15 courses

are with Choice Based Grading System as per University of Mumbai. D. Plan for multidisciplinary, multiple entry & exits – Being affiliated HEI, it would be as per directions, decisions of University of Mumbai. C. Institution courses / programs with flexible and Innovative curriculum including Credit Based Courses- All above 15 courses are with Choice Based Grading System as per University of Mumbai. D. Plan for multidisciplinary, multiple entry & exits – Being affiliated HEI, it would be as per directions, decisions of University of Mumbai. E. Institutional Plans for Multidisciplinary research endeavours • This college organized TSDC N-Con 22 that is National –E- Conference (NEP) 2020. It was organized on Monday, 28th March, 2022. F. Good practice of Institute to promote multidisciplinary / Interdisciplinary approach to view of NEP-2020 National E- conference: National E- Conference on “Role of Multidisciplinary Approach to pandemic Situation National E-Conference on “Emerging Trends in Mass Media During Pandemic” National E-Conference on Issues/challenges/Obstacles/Barriers to organizational Goal Achievement in regards to Managerial Aspects National E-Conference on” How IoT has changed the world” National E-Conference on “Entrepreneurship Development Library Management System in Higher Education and Higher Education National Education Policy-2020 International E-Conference Study Of Microbiomes Significance of Research in mass The role of Managerial Skills in Entrepreneurships Development Role of AI in Pandemics Revival of Hospitality Industry post Covid-19 Globally

## 2. Academic bank of credits (ABC):

• This college presented the research review paper in the National Conference (TSDC N-CON22) on - ‘National Education Policy-20’s Academic Bank of Credits - Meaning Process, Merits and Demerits. • Dr. Sharad Phulari (Principal), Dr. Amruta Pawar (IQAC Coordinator), Ms. Shruti Desai (Student) and Mr. Siddharth Lokhande (Student) collective put the efforts to publish a research paper on ABC - Academic Bank of Credits for awareness of ABC in teachers as well as students. The paper was published in IJARST - ISSN - 2581 - 9429, impact factor 62552. • For ABC registration of Institute, the HEI put efforts such as - • E-mail to Helpdesk NAAC on HEI portal seeking the request to get guidance for NEP-NAD and ABC. • HEI sent a letter to the Director, NAAC dated 05/04/2022 with Ref. No. TSDC/DN/689/2021-22 for inclusion of ZSCT’s Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai in the list of institutes on the website of National Academic Depository (NAD). • HEI requested the University of Mumbai Examination Department to include the Thakur



Shyamnarayan Degree College in NAD. the verbal answer of Dr. Vinod Patil, Director of Examination and Education Department said the Thakur Shyamnarayan Degree College is by default in NAD because it is affiliated to University of Mumbai. The University is itself registered in NAD for ABC, therefore, Thakur Shyamnarayan Degree College is affiliated college need not to be separately registered in NAD. • Through this paper, the HEI took an opportunity to aware the stakeholders at National level about ABC at HEI. It can be abstracted as in NEP 20, the part II deal with higher education. It deals with different steps in reformation of Higher Education. In reformation steps are mentioned towards a more Holistic and Multidisciplinary education. For it, in NEP 20 the structure and length of degree programmes proposed to adjusted accordingly. For this purpose and academic Bank of credit (ABC) concept is proposed in NEP -20 . the meaning manual process and merits - demerits of ABC (Academic credit Bank) is discussed. ABC- Academy Bank of credits shall deposit credits awarded by registered higher education institutions, for courses learned studied therein. ABC of the student will allow students of UG and PG. Steps to follow for ABC working are as ABC account opening, courses with credit information, evaluation and verification of credits, online –offline courses for ABC, credits validity. Student centric, student interest, student friendly teaching approaches, inter disciplinary approach uniform national policy are the aims, objectives as well as merits of ABC. However ABC regulation will only lead of equity, quality, access and efficacy are the demerits objections about the ABC. • Academic Bank of Credits is one of the best proposal in the NEP-2020. However, this HEI has Limited scope, to take initiative for ABC because ‘HEI’ is working under the Board of studies of University of Mumbai. The initiatives, Guidelines of ABC of University of Mumbai are applicable for the syllabus and ABC in Implementation, etc, Directly to the Institutes.

### 3. Skill development:

a. Efforts made by the Institution to strengthen soft skills \_ Skill based Add-on Courses: The institute has carried 20 Add-on courses. Total 1034 students get benefited by these courses. \_Soft Skill Development: Total 24 programs organized by the Institution. Total 3647 students actively participated. \_Life Skill: Institute was carried 37 program on life skill name as yoga, physical fitness, health and hygiene. Total 2067 students benefited by these programs. The institute is providing the value-based education to inculcate positivity amongst learners. \_Language and Communication skill: The Webinar on Deep Learning, Writing professional letters, etc. organized by the Institute and 100% students actively participated. \_ICT and Computing skill: Total 16

ICT skill programs organized, about 1200 students participated. \_Guidance for competitive examination and Carrier counselling: The institution organized the 29 event/training on Capacity Building and Skill Enhancement. On an average 75% students get benefited / participated in this capability Enhancement Schemes. \_The Placement cell facilitates the students' professional growth and success as many leading Corporates like Neeble Technologies, NMIMS Global Access Company, etc, and non-corporates like schools and 'Teach for India' recruit a substantial number of students from the college. \_Projects : Projects were carried by 556 students which promote the Vocational Education and integration into mainstream education. The institute put efforts for Vocational education and training to the students, Students benefited by these vocational education and training programme. b. The details of program offered to promote vocational education and its integration into mainstream education Total 11 Diploma courses and 08 Certificate courses organized by the Institution. Assessment carried and 100 % students are enrolled and benefitted. c. The Institute is providing value based education to inculcate positivity amongst the learner by organizing 24 soft skill programs and 37 life skill programs. 100% students benefitted. d. Institution Efforts for courses: Capacity and Skill Development Program No. of beneficiary Skill-based Add-on Courses 1034 Soft Skill Program 3647 Life skill 2067 ICT and Computing Skill 1200 Projects 566 The participation number indicates that the Institute puts efforts to ensure all students enrolled and benefitted. e. Good Practice: 46 research projects carried under the guidance of 33 teachers. 593 students participated and presented the paper in conferences. There are 7 National E-conferences and 5 International E-conferences organized by the Institution. Research Papers published in International Journal peer team reviewed with more than 6 impact factor and UGC listed.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):

Efforts of the Institution to preserve and promote the Indian Ancient Traditional Knowledge, Culture and traditions: The college took an initiative and efforts to preserve and promote the Indian culture in the form of Know our Culture (KOC). The major objective of KOC was to make students understand about their rooted culture and best take-ways associated with it. Students were updated through a creative presentations loaded with the specific information about each Indian festival and the idealogosies behind its celebration. KOC is an innovative initiative towards a cultural extravaganza that gave students an opportunity to take glimpse on the rich cultural context through traditional yet scientific & logical outlook. Indian Higher education

which is considered as one of the rich educational system can imbibe the great values and life skills among the present & future student's generations. Best Practices successfully implemented by the institution pertaining to the appropriate integration of Indian Knowledge System (Culture) The culture is set of values, traditions, rituals, festivities, or social practices that give us distinct identity. India is culturally rich country where we can witness Unity in diversity at its best The context of the activity was based on awareness related to the Indian culture & festivities. There is a possibility that students know about the various festivals but unaware of the logical explanation associated with rituals of those festivals. While designing this practice; due care was being taken to provide information not just about the traditional rituals related to the festival but also the logical or scientific explanation and teachings associated with. However, the challenge while implementing the practice was to clarify the sincere intention of the college to promote the cultural & logical outlook and not to promote a particular culture specifically. Care was being taken that every festival irrespective of particular religion or caste was valued & respected. The information was more based on the benefits to the students in the form of the lessons students can take-away from each festival and follow the same to improvise their lives. KOC bridged the gap between the traditional reasons and the logical reasons for the celebration of festivals. This attempt would encourage the students to see every festival from both traditional and modern logical approaches. With this practice, students will feel their own rooted culture within inside while following the modern trends around. The success of the practice lies in the fact where students would not take a festival as a public holiday but the true celebration of the great values on which each Indian festival is based on KOC reached to HEI-942 students means 942 families. KOC reached to Social Media groups through WhatsApp and Telegram is over 90,000 people. KOC reached to 7 universities of Maharashtra through emails of each university. KOC reached to thousands of affiliated colleges of seven universities in Maharashtra.

#### 5. Focus on Outcome based education (OBE):

Focus on Outcome based Education: i. The institutional initiatives to transform its curriculum towards Outcome based Education The Institution organized Skill based Add on courses and 1034 students enrolled. Total 24 Soft skill development programs carried and 3647 students participated and benefitted. ICT and Computing skill programs organized by the college and 1241 students are participated. Institute organized 37 programs on life skill development. 2067 students benefitted by these programs. Total 29 programs

organized by placement Cell and 75% students are benefitted. The participation number in all programs, these are the outcome of the programs.

ii. The effort by the Institution to capture the Outcome based education in teaching and learning practice. 100% programmes in which choice Based Credit System (CBCS) has been implemented by University of Mumbai in this affiliated institute. About 55.89% students undertaking, field projects in institution. Academic result of HEI is 100% in F.Y., S.Y. as well as T.Y. It proves best teaching learning quantitative outcome. Maximum number of Students secured O, A and A+ grades in examinations. It proves best curriculum delivery and best teaching learning quantitative outcome. Curriculum aspect are delivered with respect to syllabus wise, knowledge enriched; persueveness of knowledge of students is worked out by examination, evaluation as per academic calendar. iii. Good practice: 46 research projects carried under the guidance of 33 teachers. 593 students participated and presented the paper in conferences. There are 7 National E-conferences and 5 International E-conferences organized by the Institution. Research Papers published in International Journal peer team reviewed with more than 6 impact factor and UGC listed.

#### 6. Distance education/online education:

Distance Education/Online Education a. Possibilities offering vocational courses through ODL mode in the Institution- • Institute has upto the mark ICT facilities. It has 21 spacious AC Class rooms. Out of these 21 classrooms, 13 class rooms are having Smart Boards (Touch boards), 08 class rooms are with projector and or LCD facilities. It means 100% class rooms are ICT enable. HEI has 23 laboratories. The library is annexed with e-library with internet enabled 20 pcs. There are about 246pcs with higher configuration. It shows the HEI is keen for ICT facilities. The college administration is mostly online. The facilities like LAN, WI-FI are provided for staff as well as students. ICT facilities like speakers, screens, printers etc. are available for stake holders. • It increase the possibilities of offering vocational courses through online, Distance mode in the Institution. • Institute organized 07 National Conferences and 05 International Conferences. It was on the online mode i.e. E-level. It increases the possibilities for offering vocational course. b. The development and use of technological tools for teaching learning activities- • Smart Board- 13 smart boards is installed in the college with projectors facility • Internet and Wi-Fi facility is made available to all the students of TSDC Campus at Headquarters, free of charge. • Computers, Printers & scanners are installed at Labs, E-Library and all prominent places. • Auditorium- It is digitally

equipped with mike, projector, cameras and computer system. • E-study material prepared and provided to the students for convenient access. • E-library that provides access to computers and on line journals freely available in public domain and also to journals subscribed on the advice of faculty and facilitates downloads. Membership of NDLI (National Digital Library) c. Institutional efforts towards the blended learning- Academic year 2021-22, under pandemic situation shown blended learning that's online as well as offline. • Teachers' participation in 1165 Webinars/Workshops/ FDP/ Orientation Programs etc. • Students' participation in 2135 Webinars/Workshops/SDP/ Orientation Programs etc. • Total 650 Co-curricular activities conducted for students • 481 Extra-curricular activities conducted for students • Research Conferences organized: • National Level Research Conferences - 7 • International Research Conferences - 5. d. Good practice of the Institution pertaining to the online education in view of NEP-2020 • This college organized TSDC N-Con 22 that is National –E-Conference (NEP) 2020. It was organized on Monday, 28th March, 2022. IQAC and National Service Scheme (NSS) and ' Department of Life Long Learning and Extension (DLLE) in association with KLE Society's College of Science and Commerce, Kalamboli New Mumbai Jointly organized the National E-Conference on NEP-2020. • For ABC registration of Institute, the HEI put efforts such as - E-mail to Helpdesk NAAC on HEI portal seeking the request to get guidance for NEP-NAD and ABC. HEI sent a letter to the Director, NAAC dated 05/04/2022 with Ref. No. TSDC/DN/689/2021-22 for inclusion of ZSCT's Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai in the list of institutes on the website of National Academic Depository (NAD).

## QIF

### 1. Curricular Aspects

#### 1.1 Curricular Planning and Implementation

***1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment***

#### Answer:

1. Academic calendar of the institution –Academic calendar that uses semester has two terms in each year, one each in the winter & summer. It is prepared by Principal and IQAC.

2. Time table of each department- It sets a goal to particular teacher to finish the curriculum in scheduled time.
3. Semester wise teaching plan of each department- Curriculum of subject is divided into papers, units, modules, topics.
4. Online & Offline lectures and practical - It ensures the actual curriculum delivery in classrooms.
5. Monthly report of each teacher about Curriculum Delivery - Teachers are made bound to cater the curriculum, at the end of the day, each teacher has to show the work diary for that day to the Principal and get checked & verified.
6. Daily attendance of students by each teacher- To assess the students' attendance on the basis of head count of students present in the class
7. Display of Defaulter students list to students and parents- Defaulter list is very useful in keeping track of the students whose not present in class.
8. Follow-up of defaulter students in PT meeting - Monthly defaulters list issued or displayed on the basis of students daily attendance on the same is discussed during PTM.
9. Regular Class test for review of effectiveness of Curriculum Delivery- Tests were scheduled subjects wise, paper wise as well as topic/ module wise.
10. Seminar of students on Academic Syllabus - Presentation of Curriculum by the students helps them to clear the concept more prominently.
11. ICT Classroom facilities for Effective Curriculum Deliver- Use of ICT including Smart board facilities are made available in classrooms.
12. Library as a knowledge resource for Effective Curriculum Delivery- Knowledge source Library, books, e-library resources made supportive for effective curriculum delivery.
13. Well-equipped Laboratory for Effective Curriculum Delivery- Well equipped computer, Microbiology labs.
14. Timely Feedback of stakeholders- Feedback helps to conduct SWOC analysis.
15. Regular exams & evaluation to require effectiveness of Curriculum Delivery- Curriculum delivery can be analysed in terms of good / better / best of result . HEI got a 100% result.
16. Vaccination Drive - Follow up for offline presence of students for for Effective Curriculum Delivery. Complete Vaccination of Students and staff was ensured by the institution through the support of Mission Yuva Swasthya for the smooth & safe conduct of curriculum.
17. Project work based on academics for effective Curriculum Delivery- Project are allotted to students based on curriculum. The presentation of project means practical approach to curriculum delivery.
18. Research/Review Papers based on academics for effective Curriculum Delivery- The aim is to identify specific curricular conditions and curriculum delivery models affecting the students community, students learning, teachers work

19. National and International Conferences for effective Curriculum Delivery -The conference explored where we go from here in terms of teaching and learning in HE, and how will we can deliver the curricula of the future.

| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

## 1.2 Academic Flexibility

### 1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Answer: 25

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

### 1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Answer: 64.43

#### 1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 1049    | 0       | 0       | 0       | 0       |

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

## 1.3 Curriculum Enrichment

### ***1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum***

#### **Answer:**

#### **Criteria 1.3.1: Institution integrates Crosscutting Issues relevant to Professional Ethics, Gender, Human Values, environment and Sustainability into the curriculum**

ZSCT's Thakur Shyamnarayan Degree College regularly organized socially relevant events and outreach programmes so that students learn to engage with socio-cultural issues in a constructive manner. Academically, Generic Electives, Skill Enhancement Courses and Ability Enhancement, Compulsory Courses are offered within and across departments, to help students critically examine Issues related to gender, environment and ethics.

Total number of courses that integrates cross cutting issues relevant: 66

- Gender Awareness Programs - 16
- Environment and Sustainability Programs -15
- Human Values Programs – 16
- Professional Ethics Programs – 19

#### **1. Gender Awareness**

Gender awareness raising aims at increasing general sensitivity, understanding and knowledge about gender (in)equality. District level webinar on Gender Awareness Organized by all Departments, NSS Unit, DLLE Unit. The quiz competition on Women Entrepreneurship was organized by DLLE Unit. Further, Awareness of Gender through organizing workshop on Self Defence and poster making competition on Stop Domestic Violence by WDC Unit. After an essay competition work from home opportunities for women was carried by WDC Unit, students highlighted opportunities issues related to the dignity of women at home and workplace. International women's day celebration was carried by WDSC Unit by felicitation of women health worker, police constable and medical officer for their noble contribution towards the society.

#### **2) Environment Sustainability**

Environment Day, 5th June 2021 was celebrated by organizing Quiz competition on Environment day. Further State Level Workshop was carried by Dept. of Microbiology ID and NSS Unit. After Awareness of Environment and Sustainability through waste management, by organizing workshops on Environment and Sustainability, Rainwater Harvesting, Clean Energy Resources, Energy Conservation and Solid Waste management. This workshop encourages student participation in programmes and bringing awareness on renewable energy sources, conservation of water and electricity and highlighting the importance of environmental conservation. Further N.S.S. Unit organized mission Green Mumbai by tree plantation.

#### **3) Human Values**



Awareness of Human Values through skill development courses. Microbiology ID, BAMMC and BMS department organized Certificate course on Universal Human Values. This course is to help the student to see the need for developing a holistic perspective of life, To sensitise the student about the scope of life – individual, family (interpersonal relationship), society and nature/existence, Strengthening self-reflection, To develop more confidence and commitment to understand, learn and act accordingly. College conducted Webinars, quiz competitions, storytelling competitions on Human values.

#### 4) Professional Ethics

Inculcation of Professional ethics through Soft skills (Spoken English) carried by BAMMC dept. and Leadership and management was carried by Microbiology ID Dept. College was organized webinars on Professional Ethics in Hospitality Industry, Time management, Ethical Hacking. NSS Unit was carried webinar on Role of Youth in Stopping Corruption. Further Research cell was organized workshop on Ethical Issues Regarding Research. Training and Placement Cell organized Seminar on Resume Building and Interview Skills in association with Pearls Academy.

| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

#### 1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

**Answer:** 59.02

##### 1.3.2.1 Number of students undertaking project work/field work / internships

**Answer:** 556

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

#### 1.4 Feedback System

**1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)**

**Answer:** Yes

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Upload supporting document | <a href="#">View Document</a> |

## 2.Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Answer:** 61.58

##### 2.1.1.1 Number of students admitted year wise during last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 460     | 335     | 136     | 06      | 20      |

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 690     | 504     | 240     | 60      | 60      |

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| Institutional data in the prescribed format | <a href="#">View Document</a> |

#### 2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the last five years (Exclusive of supernumerary seats)

**Answer:** 48.6

##### 2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 232     | 172     | 85      | 03      | 11      |

#### 2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 450     | 315     | 180     | 45      | 45      |

| File Description                            | Document                      |
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| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

## 2.2 Student Teacher Ratio

### 2.2.1 Student – Full time Teacher Ratio

*(Data for the latest completed academic year)*

Answer: 21.41

## 2.3 Teaching- Learning Process

*2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools*

Answer:

### Experiential learning

A] National & International E-Conferences: Students participated in 7 National and 5 international level research E-conferences. 593 students prepared research papers under the guidance of teachers. The topics allotted to the students were based on their academic topics and gave students an opportunity to conduct experiments in their respective study fields. Students conducted surveys to draw suitable recommendations. This facilitated the experiential learning amongst the students.

B] Training sessions: Students were sent to the companies as an industrial exposure. This provided them with on-the job training. This was the part of experiential learning by having the practical implementation of their theoretical concepts.

C] Projects: Students were allotted the projects based on the curriculum. These projects are more practical in nature where students need to do the field work, analysis and experiments to test the theoretical concepts.

### **Participative learning**

A] Students participated in National & International e-conferences. Participation in such programmes helped developing their skills and supported their academic curriculum at the greater extent.

B] Participation in training programmes : Students joined the field training programmes to experience the industrial exposure. This helped developing their skills required to perform the job and to meet their career aspirations.

C] Projects. Students actively participated to submit the quality projects under the guidance of their teachers. Total 323 projects prepared by the students as a part of their curriculum.

### **Problem solving methodology**

A] Interactive approach through classroom interaction, debates, group discussion, and presentations help students to develop their problem solving skills. Attending in research conferences, seminars, workshops develop their critical thinking that leads to problem solving aptitude.

B] Training sessions: Students exposure to the industrial training leads to their exposure to industrial issues and on-the job challenges. Students were engaged in the training sessions to understand about these challenges and accordingly got trained to overcome these challenges.

C] Projects: Projects allotted to students are nothing but the case studies and topics revolving around industrial problems. Students prepared the projects efficiently under the guidance of teachers. This helped them to develop their problem solving skills.

To execute the above methods institution make effective use of ICT in education to support, enhance, and optimize the delivery of quality education.

- Smart Board- 13 smart boards is installed in the college with projectors facility
- Internet and Wifi facility is made available to all the students of TSDC Campus at Headquarters, free of charge.
- Computers, Printers & scanners are installed at Labs, E-Library and all prominent places.
- Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
- E-study material prepared and provided to the students for convenient access.
- E-library that provides access to computers and on line journals freely available in public domain and also to journals subscribed on the advice of faculty and facilitates downloads. Membership of NDLI (National Digital Library)

| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

## 2.4 Teacher Profile and Quality

### 2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Answer: 100

#### 2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 44      | 17      | 07      | 03      | 02      |

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Upload supporting document | <a href="#">View Document</a> |

### 2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Answer: 10.96

#### 2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 4       | 1       | 1       | 1       | 1       |

| File Description                            | Document                      |
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| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

## 2.5 Evaluation Process and Reforms

### 2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

#### Answer:

ZSCT's Thakur Shyamnarayan Degree College being affiliated with University of Mumbai strictly follow the University rules regarding Internal and external Assessment. It gives 25% weightage in internal assessment of the students and 75 % is the external assessment.

#### Internal / External Assessment is transparent

- **Internal Assessment:** The breakup of Internal Assessment includes the MCQ based internal tests by the students. Teachers ensure that the students are aware of the Internal Assessment Evaluation Criteria. It is discussed with them in detail to enhance transparency and rigor with a view to focus on individual and original work. If any student not appear the internal test, then assignment submission.

#### Grievances Related To Continuous Internal Assessment (CIA)

College Examination Cell monitors internal evaluation process. The Examination cell also deals with mistakes/errors related to internal assessment of the students promptly. All internal examinations are conducted adhering to the norms of college. The system of internal marks is very transparent. The students are given opportunity to redress their grievances concerning internal marks if any. Committee of Examination can intervene and seek opinion of another course teacher. The grievances are resolved by showing her performance in the answer sheet or the answer sheet is reassessed by the faculty once again in his/her presence. Any corrections in the total of marks or assessment of answer are immediately done by the faculty members.

- **External Assessment:** Semester wise exams are being conducted as per the norms of University as an external assessment component. The schedule of exams is being communicated with students and parents both well in advance. Semester wise marks are uploaded on the groups of students and parents.

#### Grievances Related To End Semester Examination (ESE)

The grievances related to problem in submission of examination forms and queries related to mistakes in hall tickets and mark sheets regarding name, course name, and programme name are resolved promptly by the Examination Committee by communicating with Principal. If grievance is related to revaluation of marks, student is supposed to fill revaluation form available in the examination office of Mumbai University. Student gets photo copy of answer sheet of the concerned paper. After studying answer sheets, student can apply for verification and revaluation of answer sheet. The result of revaluation is given by the college within 7 days of the application.

#### The grievance redressal system:

## •Grievance Redressal Committee

### • Women's Grievance Redressed Committee

As per the UGC/ University of Mumbai Notification the Grievance Redresser Committee is constituted with the objective of preventing unfair practices and to provide a mechanism to innocent students for redressal of their grievances.

TSDC has constituted a "Women Grievance Redressal Committee" in accordance with the complaint

from the staff and students will be considered and it will be put for discussion in respective committee meetings. After discussing, action taken on the complaint.

Attempts for the grievance redressal

1. College has installed the Saheli box especially to cater the grievance of Girl students

| File Description                        | Document                      |
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| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

### 2.6 Student Performance and Learning Outcomes

**2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated**

#### Answer:

The Institution regularly evaluates the performance of students through various methods for measuring the attainment of each of the Program Outcomes, Program Specific Outcomes and Course Outcomes.

- 1. Evaluation Process:** The programme outcomes and Programme Specific outcomes are assessed with the help of course outcomes of the relevant programme through direct evaluation process. Students under university examination are evaluated for 75% of total marks and institution for 25% marks as internal assessment. Evaluation outcome is 100% of all courses.
- 2. B.Sc. Microbiology ID:** Students are assessed through Practical Project work and Class test, Practical Project Outcome is 123 and learning outcome is 123. Research outcome is 88 students research papers and presented. Department carried 88 Social Programmes, 18 Personality Development Programmes. Students are participated. Many more students participated in sports activity and out of these students, 5 students have shown their distinctiveness.

3. **BAMMC:** Practical Project Outcome is 47 and learning outcome is 50. Research outcome is 90 students research papers and presented. Department carried 13 Social Programmes, 18 Personality Development Programmes. Students are participated. Many more students participated in physical activity and out of these students, 8 students have shown their distinctiveness.
4. **BMS:** Practical Project Outcome is 269 and learning outcome is 80. Research outcome is 264 students research papers and presented. Department carried 8 Social Programmes, 17 Personality Development Programmes. Students are participated. Many more students participated in sports activity and out of these students, 56 students have shown their distinctiveness.
5. **B.Sc. CS:** Learning outcome is 50. Research outcome is 77 students prepare research papers and presented. Department carried 11 Social Programmes, 10 Personality Development Programmes. Students are participated. Many more students participated in sports activity and out of these students, 12 students have shown their distinctiveness.
6. **B.Sc. IT:** Practical Project Outcome 47 and learning outcome is 60. Research outcome is 20 students prepare research papers and presented. Department carried 7 Social Programmes, 16 Personality Development Programmes. Students are participated. Many more students participated in sports activity and out of these students, 23 students have shown their distinctiveness.
7. **B.Sc. HS/ BA CA:** Practical Project Outcome 49 and learning outcome is 20. Research outcome is 89 students presented the research paper. Department carried 7 Social Programmes, 15 Personality Development Programmes. Students are participated. Many more students participated in sports activity and out of these students, 9 students have shown their distinctiveness.
8. **Industrial Outcome:** The Institution has carried Industrial Visit Programme, B.Sc. ID, BMS and B.Sc. HS departments has organized Education Trip and has gone to industries.
9. **Placements:** One of the most important Programme Outcomes of Undergraduate Degree is the employability of students upon successful completion of their degree programme. The college has a vibrant Placement Cell, which caters to the demands of companies from different sectors.
10. **Higher Studies:** Another parameter to measure attainment of POs, PSOs and COs is through progression of students towards higher studies in educational institutions in India and for post-graduation in Indian and Foreign Universities.

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| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

### 2.6.2 Pass percentage of Students during last five years

**Answer:** 100

#### 2.6.2.1 Number of final year students who passed the university examination year wise during the last five years

**Answer:**



|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 151     | 06      | 20      | 1       | 1       |

### 2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 151     | 06      | 20      | 1       | 1       |

| File Description                            | Document                      |
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| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

Answer: 100

| File Description                        | Document                      |
|---|-------------------------------|
| Upload database of all students on roll | <a href="#">View Document</a> |

## 3. Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

#### 3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Answer: 440600

#### 3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|

440600 0 0 0 0

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| Upload supporting document                  | <a href="#">View Document</a> |
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### 3.2 Innovation Ecosystem

#### 3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

##### Answer:

The research and Development activities of HEI are true to follow an ecosystem for innovations and have initiatives for creation and transfer of knowledge.

The highlights of this ecosystem for innovations and has initiatives of HEI are as below

|  |   |
|--|---|
| <b>Research project undertaken</b>         | <b>46</b>   |
| <b>Researchers (teachers) participated</b> | <b>33</b>   |
| <b>Researchers (students) participated</b> | <b>593</b>  |
| <b>Research conference held</b>            | <b>7 National Research Conference</b><br><b>5 International Research Conference</b>           |
| <b>Research paper presented</b>            | <b>593</b>  |
| <b>Research papers published</b>           | <b>International Journal peer team reviewed with more than 6 impact factor and UGC listed</b> |
| <b>Research conferences nature</b>         | <b>National &amp; International level</b>   |
| <b>Number of department participated</b>   | <b>08</b>   |

The research Performance of HEI is Shown in this table. The Management of the college provided the research fund to each teacher. The total amount provided by management for teachers is ₹4,40,600/-. It underlines the better governance of management. It shows management works for the vision of HEI.

The themes of research project, research conferences are directive to vision of HEI as an ecosystem for innovations and have initiatives for creation and transfer of knowledge.

| Sr. No | Theme/Topics   | Level of Conferences       | Date            |
|--------|--|----------------------------|-----------------|
| 1      | Role of Multidisciplinary Approach to Pandemic Situation                                       | National E-Conference      | 25th Nov 2021   |
| 2      | Issues/Challenges/Barriers to organizational goal achievement in regards to Managerial Aspects | National E-Conference      | 29th Nov 2021   |
| 3      | Emerging trends in mass media during pandemic  | National E-Conference      | 30th Nov 2021   |
| 4      | How IOT has changed the world  | National E-Conference      | 26th Nov 2021   |
| 5      | Entrepreneurship development   | National E-Conference      | 20th Dec 2021   |
| 6      | Role of Managerial Skills in Entrepreneurship Development                                      | International E-Conference | 29th Jan 2022   |
| 7      | Library management in higher education and higher education industries                         | National E-Conference      | 7th Feb 2022    |
| 8      | Significance of research in mass media (International e-conference)                            | National E-Conference      | 8th Feb 2022    |
| 9      | Study of Microbiomes   | International E-Conference | 10th Feb 2022   |
| 10     | Role of AI in pandemic   | International E-Conference | 10th Feb 2022   |
| 11     | Revival of hospitality industry post covid-19 globally   | International E-Conference | 28th Feb 2022   |
| 12     | National Education Policy (2020)   | National E-Conference      | 28th March 2022 |

### Awarded Patent of Innovation to HEI

Germany patent granted and published entitled

1. **Novel Bacteriocin Composition Of Lanthionine**” by Dr. Sharad Phulari, Principal and Dr. Bharti Wadekar, Assistant Professor, Microbiology Department, Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai.

- Date of Filed: 23rd December, 2021.
- Patent application number is 20 2021 107 080.3.

1. **Composition of Antibacterial Lantibiotics obtained by *Lactobacillus rhamnosus***” by Dr. Sharad Phulari, Principal and Dr. Bharti Wadekar, Assistant Professor, Microbiology Department, Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai.

- Date of Filed: 20th April, 2022.
- Patent application number is 20 2022 102 101.5

1. **Synergistic Antibiotic Pharmaceutical Composition for Treatment *Staphylococcus aureus* infections**” by Dr. Bharti Wadekar, Assistant Professor, Microbiology Department of Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai.

- Date of Filed: 20th April, 2022.
- Patent application number is 20 2022 102 100.7

Registration and publication of Patents for Innovation to the HEI are feathers in crown.

| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

**3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years**

**Answer: 21**

**3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 21      | 0       | 0       | 0       | 0       |

| File Description                            | Document                      |
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| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

### 3.3 Research Publications and Awards

#### 3.3.1 Number of research papers published per teacher in the Journals on UGC care list during the last five years

Answer: 876.71

##### 3.3.1.1 Number of research papers in the Journals notified on UGC CARE year wise during the last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 640     | 0       | 0       | 0       | 0       |

| File Description                            | Document                      |
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| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

#### 3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Answer: 35.62

##### 3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 26      | 0       | 0       | 0       | 0       |

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

### 3.4 Extension Activities

**3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.**

Answer:

ZSCT's Thakur Shyamnaraysan Degree College, Kandivali East, Mumbai organizes extension activities that sensitizes students towards community issues and inculcate social values and commitment to society.

1. **National Service Scheme (NSS): 64**
2. Women Development Cell (WDC): 24
3. Department of Lifelong Learning and Extension (DLLE): 44
4. Cultural activities: 62
5. Sports Activities: 6

- **National Service Scheme (NSS)**

NSS organised blood donation camp, Covid 19 vaccination drive, activities for Covid warriors, University level German training classes, Health check-ups, Aadhar card making camps, Tree plantation drive, webinar based on National Education Policy 2020, competitions under Azadi Ka Amrit Mahotsav, campaigns on Voter registration and voting awareness and many such social activities.

- **Women Development Cell (WDC)**

Women's Development Cell (WDC) brings about awareness and sensitivity in the students and install the desire to work for an equitable, safe, and just society for women through various activities such as poster making, debates, and panel discussions with eminent personalities and an webinar on International Women's Day. Workshop, webinars and competitions based on Gender Sensitisation were organised to make students sensitise towards the issues such as gender discrimination. Students were provided sessions based on issues of cleanliness, sensitisation, disease control with respect to women health, Aids awareness webinar, competitions under Azadi Ka Amrit Mahotsav based on Women Empowerment etc. Other facilities such as sanitary pad vending machines & Saheli box were installed to facilitate the girl students.

- **Department of Lifelong Learning and Extension (DLLE)**

Department of Lifelong Learning and Extension organized various programs under the six unique projects of DLLE. This covered the activities related to Career guidance, Industrial training, Annapoorna Mahotsav wherein students got a platform to develop their entrepreneurial skills, Conducted Survey of Women status, Awareness on NIOS, Covid-19 Vaccination Drive, Blood donations camp. And many awareness drives including AIDS awareness and other social issues campaigns on Voter registration and voting awareness under Population Education club. National conference on National Education Policy was conducted by DLLE. College organizes various socially relevant and personality development-oriented programs for its members through which the students get practical exposure to the day-to-day living of the underprivileged and the marginalized.

- **Cultural activities:**

College organizes TCS Mohotsav and Winter Fest. Student's participated in various competitions of Yuva Mahotsav organised by University of Mumbai. College celebrates the special day by organizing quiz competitions and preparing Know Our Culture. Students got an opportunity to exhibit their talents such as dancing, singing, drama etc. through various competitions at university, state & national level competitions organised by the cultural committee of college. Various competitions under Azadi Ka Amrit Mahotsav was organised for the students at various levels.

- **Sports Activities:**

College organizes Students Sports Committee Quiz, Celebration of National Sports Day - Special & Crucial Videos. Winter Sports Mania 2021, State level Sports event, Indoor & Outdoor Sports. Maharashtra Scouts & guide awareness campaign was organised by the college.

| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

### ***3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies***

#### **Answer:**

The Institution received 10 Awards for extension activities from Non-Government Recognized bodies.

1. Best Institute of the Year Award 2021 awarded by National Health Service England (UK) and Chintamani Mahavidyalaya, Ghugus, India.
2. **Clean and Green Campus Award received from Elite Associates, Mumbai.**
3. **Bllood donation Camp organized by the Institution and Best College Award received from Apollo Hospital, Mumbai.**
4. National Level Social Leaders Seva Ratna Award, 2022 **Awarded by MVLA Trust, Mumbai.**

5. Best College Award in Research and Innovation 2022 received from Skilling College of Paramedical Education (SCOPE) associated with Suburban Diagnostics, Mumbai on research activities.
6. Bharat Ratna Dr. A.P.J. Abdul Kalam Award, 2022 awarded by Adil Shah Farooqui Trust, Jalgaon, Maharashtra on social activities.
7. Pride of India Rashtriya Gaurav Purshkar- 2022 received from Vasundhara Smajik Sevabhavi Sanstha, Ichalkaranji, Maharashtra.
8. Green Campus Awards received from Basil Environmental Service, Mumbai.
9. Federation Guild Award Certificate received from Tilak Maharashtra Vidhyapeeth.
10. The Institution received Certificate to College for Outstanding Performance in the MYC Civic Competition.

Students participated in Inter-colligate, State, University and National Level Competitions on Extension activities and received First, second and third position certificates.

**NSS Activities:** Jaya Mishra selected National Integration Camp-2021 organized by Sri Ramakrishna College of Arts and Science, Chennai and Govt. of India Ministry of Youth affairs and sports. 5 students received certificate of excellence from United Way Mumbai, 32nd National Road Safety, Mumbai.

**WDC Activities:** 03 and 06 students received second and third position in WDC activities like Poster making competition and Quiz Competition respectively.

**Cultural Activities:** 07 students got the first, second and third prize for intercollegiate cultural fest. 02 students received the Gold and Silver medalist certificate for National level Garba Competition. 03 students received certificate on state Level for Rangoli Competition.

01 student received the 2nd Rank Merit on University Level Poster Competition by Department of students development 54th Youth Festival, University of Mumbai.

**Research Activities:** 09 Teachers and 20 Students got best paper presentation award in National Conferences by Editor, Galaxy Link, International Journal (ISSN-2319-8508). 10 Teachers and 25 Students got best paper presentation award in International Conferences by Editor, Galaxy Link, International Journal (ISSN-2319-8508).

**Sports Activities:** 06 students received first, second and third position for different state level sports competitions.

| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

**3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years**



**Answer: 38**

**3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 38      | 0       | 0       | 0       | 0       |

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| Upload supporting document                  | <a href="#">View Document</a> |
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**3.5 Collaboration**

**3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:**

**Answer: 12**

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**4.Infrastructure and Learning Resources**

**4.1 Physical Facilities**

**4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution**

**Answer:**

The adequacy of infrastructure and physical facilities for teaching learning as per the minimum specified requirement by statutory bodies.

Best Infrastructure and better physical facilities in education is the USP of Thakur Education Group, Zagdu Singh Charitable Trust and its Management.

Thakur Shyamnarayan Degree College, Kandivali, has the entire air conditioned building. It has 21 spacious AC Class rooms. Out of these 21 classrooms, 13 class rooms are having Smart Boards (Touch boards), 08 class rooms are with projector and or LCD facilities. It means 100% class rooms are ICT enable. HEI has 23 laboratories. IT shows the better physical amenities. Each laboratory has proper interior designing, air conditioned facilities and required equipment's, chemicals, etc. College has 26 facilities rooms which includes medical/first aid room, two cafeterias, sports facilities, staff parking area, 3 Auditoriums, cultural events room, gymnasium, yoga centre, open auditorium, media room and so many.

The Central Library of HEI is central focus point in view of aesthetic and in view of knowledge. The central library caters the services like Book issuing, Book reading, Newspapers to keep updation of present context. The library is completely computerized. The library is annexed with e-library with internet enabled 20 pcs.

It helps to students to keep themselves update with global knowledge through Internet based e-library.

The HEI is having 23 laboratories. Each laboratory means place of learning through experiment. Laboratories are well equipped, provided with every requisition and updated with time in advance.

There are about 246pcs with higher configuration. It shows the HEI is keen for ICT facilities. The college administration is mostly online. The facilities like LAN,

WI-FI are provided for staff as well as students. ICT facilities like speakers, screens, printers etc. are available for stake holders.

TSDC always believes that investment in infrastructure in education is a long term requirement for growth and a long term factor that will make growth sustainable.

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#### ***4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)***

**Answer:** 9.02

##### **4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 50.06   | 10.96   | 1.76    | 0.36502 | 0.00245 |

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## 4.2 Library as a Learning Resource

**4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library**

Answer:

Library is an automated, fully air-conditioned with open access. Library offers a wide range of services from reference to electronic information services. With collection of more than 28000 documents as well subscription to all major newspapers, periodicals, publication and journals, technical as well as non-technical, national and international.

Library has a seating capacity of 300 users

The Library uses KOHA library management software, version 20.11.06.000

Following important modules

**OPAC-** The Online Public Access Catalogue module of the KOHA software allows library database searching by entering preferred terms and is mainly used for information retrieval

**Patrons-** With the help of Patron module, New patrons are added and barcoded library card issue to patron for circulation purpose

**Cataloguing-** In Koha the bibliographic record contains the main information related to the material. This includes things like the title, author, ISBN, etc. Once this information is saved, books are ready to circulate.

**Serials-** The serials module in Koha is used for keeping track of magazine, journals, newspapers and other items that come on a regular schedule.

**Acquisitions-** The Koha Acquisitions module provides a way for the library to record orders placed with vendors and manage purchase budgets.

**Reports-** Reports in Koha are a way to gather data. Reports are used to generate statistics, member lists, shelving lists, or any list of data in your database

**Tools-**With the help of Tool module library can make patron card, barcode for book and library card

Additionally, the software has an excellent Support and online updates system.

### **e-resources**

The institute has updated modern e-library facility with more than 20 PCs with LAN & high-speed broadband internet connection where e-resources & e-documents can be searched within a short span of time. With the help of e-library students can easily obtain information about their courses & projects to enhance their knowledge.

For e-resources library subscribes to the membership for

N-List (National Library and Information Services Infrastructure for Scholarly Content) and

NDL (National digital Library)

The N-LIST provides access to e-resources to students, researchers and faculty from colleges.

National Digital Library of India (NDLI) is a virtual repository of learning resources.

### **Regarding Annual expenditure of books and Journals-**

Annual budget is prepare by Librarian with guidance of Principal Sir at the beginning of academic year

Requirement of books/non books material are prepared on following selection priorities as

1. Support the curriculum at all levels
2. Support academic teaching needs
3. provide popular materials as resources permit

Following is the annual expenditure of purchase of books/e-books and subscription to journals/e- journals

| Year | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 |
|------|---------|---------|---------|---------|---------|
|------|---------|---------|---------|---------|---------|

INR in Lakhs 0.34    0.19    1.38    1.95    7.15

### Per day uses of Library

Per day usage of library by teachers and students calculated on following basis

Number of staff and student use library for reading purpose

Number of users using library through e-access

Number of staff and student coming to library for issue return of books

Number of staff and student visited to library comes around 14.72% using provided formula

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### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

##### Answer:

- It facilities are the basic hardware, software, networks and facilities upon which an organization information technology services are built. This college is having excellent IT facilities which help to enhance the teaching and learning process. IT facilities in this college are as below.
- Network Equipment- Network Equipment's in this HEI are like the routers. There are many routers, eight storied building of college. It connects the three colleges in campus (Thakur Polytechnic, Thakur Aviation and Thakur Shyamnarayan Degree College). Each router serves and manages internet traffic between the networks by forwarding data packets to their intended IP addresses.
- Telecommunication Services- This college is having upgraded telecommunication services it connects to the Internet and HEI facilities it includes the telegraph, telephone, Video telephone, closed computer networks and access to internet.
- Computing- HEI has computing hardware such as servers and basic software such as OS (operating System) . HEI has Application Server, Database server as well as dedicated servers for computing.
- Power- Electric power is basic need of IT facilities. Institute has Electrical power supply by 'BEST' in Mumbai. It also has solar panels. It used as backup at the time of power failures.

- Computing Platforms- Institutes has cloud computing services which shows high performance infrastructure for data analytics and machine learning.
- IT services- College has basic IT services such as data backge.
- Information Security- Virus detection, antiviral CDs for protection reflects into information security in IT system to run.
- Vigilance Facilities- The college campus, classrooms, laboratories administration areas, auditoriums, facilities area are under the CCTV Vigilance. The CCTV surveillance system is with Day and night recording. The recording is having up to 3 days data, Thereafter, if not taken backup, it would be get AutoDetect to record the next vigilance data
- ICT enabled classrooms- 13 classrooms in college has well equipped with interactive, multimedia smart boards, 4 classrooms are having LCD display IT facilities are strong Consideration. Rests of 4 classrooms are with LSM for teaching learning Process advance form.
- ICT enabled Laboratories- over 23 Laboratories in HEI with ICT devices as internet connectivity (WAN, LAN) PCs, WI-FI connectivity.
- WI-FI- This Institute has WIFI campus. It has Relience Jio INTERNET Connection with 36 mbps. The Wireless router supplies Internet Connection that is shared with multiple devices in a 8 stories building of the Institute. WI-FI gives to stakeholders, the flexibility to stay connected with the internet as long as the stakeholders are within the range of WI-FI network Coverage area. The Institute has the WI-FI of Jio Services. The Reliance JIO Infocomm Limited provided Jio ultra speed wiring and wireless services. The Jio allowed to access to service with control of Digital Spaces, landing Page(s), Login flow page(s) and JIO's Website(s).
- ICT facilities are maintained by technical staff of college. HEI has Lab assistants, trained wireman to regular maintenance of ICT facilities.

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#### 4.3.2 Student – Computer ratio (Data for the latest completed academic year)

**Answer:** 0.23

##### 4.3.2.1 Number of computers available for students usage during the latest completed academic year:

**Answer:** 212

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#### 4.4 Maintenance of Campus Infrastructure

**4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)**

**Answer:** 35.77

**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 127.75  | 81.44   | 31.19   | 5.96    | 4.21    |

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#### 5.Student Support and Progression

##### 5.1 Student Support

**5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years**

**Answer:** 0.74

**5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 12      | 0       | 0       | 0       | 0       |

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**5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following**

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene)*
4. *ICT/computing skills*

**Answer:** A. All of the above

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**5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years**

**Answer:** 79.3

**5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 1291    | 0       | 0       | 0       | 0       |

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**5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**

1. *Implementation of guidelines of statutory/regulatory bodies*
2. *Organisation wide awareness and undertakings on policies with zero tolerance*
3. *Mechanisms for submission of online/offline students' grievances*
4. *Timely redressal of the grievances through appropriate committees*



**Answer:** A. All of the above

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## 5.2 Student Progression

### 5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

**Answer:** 48.02

#### 5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 70      | 02      | 13      | 0       | 0       |

#### 5.2.1.2 Number of outgoing students year wise during the last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 151     | 06      | 20      | 0       | 0       |

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### 5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

**Answer:** 0

#### 5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 0       | 0       | 0       | 0       | 0       |

**5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 0       | 0       | 0       | 0       | 0       |

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### 5.3 Student Participation and Activities

**5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**

Answer: 19

**5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 19      | 0       | 0       | 0       | 0       |

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**5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

**Answer:** 21.2

**5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

**Answer:**

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 106     | 0       | 0       | 0       | 0       |

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**5.4 Alumni Engagement**

**5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services**

**Answer:**

ZSCT's Thakur Shyamnarayan Degree College, Mumbai was established in the year 2017, TSDC is a platform through which the alumni get in touch with their teachers and classmates. The primary objective is to reconnect, reminisce, and revisit the rich memories, connect with classmates, strengthen the bond, and savour the rich experiences gained over the years.

The institution networks and collaborates with former faculty and the Alumni through the Alumni Committee.

**Financial Support:**

The Degree Distribution ceremony for the alumni was organized on 24th March 2022. The books worth Rs. 87,200/- were distributed by Alumni on that day.

**Other Support:**

The various contributions by the Alumni Committee are listed as under:

| Sr. No. | Particulars   | Date                           |
|---------|---|--------------------------------|
| 1       | E-book bank distribution  | 29th July 2021                 |
| 2       | Circulation of Standard Operating Procedure of Covid 19 (University level program for students & employees) | 31st July 2021                 |
| 3       | Hiroshima Day   | 6th August 2021                |
| 4       | Librarian Day Birth Anniversary of Dr. S. R. Rangnathan   | 12th August, 2021              |
| 5       | Patriotic Song Singing Competition  | 13th August - 18th August 2021 |
| 6       | College Level Informative and Awareness Session on Freedom from Covid-19                                    | 26th August 2021               |
| 7       | Teachers Day Celebration  | 5th September 2021             |
| 8       | Webinar on Covid-19 psychologically overcome program  | 29th Sept.2021                 |
| 9       | Short Film on Mahatma Gandhi and Nonviolence  | 2nd Oct.2021                   |
| 10      | University Level Quiz and Video Presentations on United Nations   | 24th Oct                       |
| 11      | Library Social Connect Programme  | 28th to 31st Oct 2021          |
| 12      | Birth Anniversary of C.V. Raman   | 7th Nov 2021                   |
| 13      | National Education Day  | 11th Nov 2021                  |
| 14      | Children's Day Celebration  | 14th Nov 2021                  |
| 15      | National Library week   | 29th Nov.2021                  |
| 16      | World AIDS day Celebration  | 01st Dec 2021                  |
| 17      | Mahaparinirvan Diwas  | 06th December 2021             |
| 18      | International Human Rights Day  | 10th Dec. 2021                 |
| 19      | International Volunteer's Day   | 10th December 2021             |
| 20      | Minorities Rights Day in India  | 18th Dec 2021                  |
| 21      | National Farmer's Day   | 23rd Dec 2021                  |
| 22      | Good Governance Day   | 25th Dec. 2021                 |
| 23      | Good Governance Day   | 30th Dec. 2021                 |
| 24      | Visit to Atal Smruti Udyan  | 30th Jan 2022                  |
| 25      | Celebration of Birth Anniversary of Netaji Subhashchandra Bose as Parakram Diwas (Video Presentation)       | 23rd Jan 2022                  |
| 26      | National Level Tricolour Rangoli Competition to celebrate Republic Day (Under Azadi Ka Amrit Mahotsav)      | 26th Jan 2022                  |
| 27      | Webinar by National Digital Library (NDL)   | 30th Jan 2022                  |
| 28      | Celebration of Shaheed Diwas  | 30th Jan 2022                  |
| 29      | National Conference on Library Management system in   | 8th Feb 2022                   |

|    |   |                 |
|----|---|-----------------|
|    | Higher Education & Higher Education Institutes                              |                 |
| 30 | Biopic Screening on Chhatrapati Shivaji Maharaj                             | 19th Feb.2022   |
| 31 | Celebration of Marathi Rajya Bhasha Din (Screening of Biopic of Kusumagraj) | 27th Feb 2022   |
| 32 | Celebration International NGO Day (Screening of Short Informative video)    | 27th Feb 2022   |
| 33 | Felicitation Program  | 3rd Feb.2022    |
| 34 | World Earth Day   | 22nd April 2022 |
| 35 | International Book Day  | 23rd April 2022 |
| 35 | Vaccination Week (Awareness Drive on importance of Vaccination)             | 26th April 2022 |

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## 6. Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance**

#### Answer:

ZSCT's Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai follows the practice of decentralisation in its true sense, in all the three important pillars of the institution, viz. academics, administration and extra-curricular activities.

The ZSCT's Thakur Shyamnarayan Degree College, Kandivali East, Mumbai, work towards the designing and implementation of the institutional quality policy. The various administrative and academic departments and mandatory bodies such as IQAC, CDC, etc. having well-defined roles and principles keeping in sync with the vision and mission of the College.

- **Knowledge and wisdom to the young and give prudence to the simple**

Facilitating learner centric multidisciplinary course curriculum, pedagogy and resources through technology enabled a joyful and diverse learning environment

- **Build the minds of tomorrow's leaders.**

Providing demand driven educational programs for enhancing skills and employability. Certificate courses were held on Skill development.

Emphasizing value guided competencies among learners for developing socially responsible professionals and leaders. Webinars and workshops have been organized on professional ethics. Certificate course was carried out on leadership and management.

- **Benchmark career goals offering academic excellence**

The Institution is ISO 9001:2015 and has green campus certification

The Institute is a pioneer to introduce value addition programs which are conducted through various MoUs signed with organisations/industries. For addressing needs of the society and the students, the faculty is sponsored to visit industries and research centers to update themselves on these issues.

- **Furnish skills at our best.**

Effective Use of ICT in Teaching and Learning: All classrooms and labs are fully equipped with ICT facilities. In addition to the completion of curriculum through Assignments, Class Tests, Tutorials, Seminar etc. Offer dedicated certificate add-on courses..

- **Follow the global trend, not forgetting the local relevance.**

Promotes the culture of research amongst students by organizing Research Workshops for students. Adapting environment friendly and energy efficient best practices for sustainable development. Addressing issues and priorities for empowering the local community with a global perspective. 5 International conferences organized by departments on different topics. The research and Development activities of HEI are true to follow the global trends with local relevance.

The practice of decentralisation and participatory management is reflected in all the activities of the College through the IQAC, the College Development Committee, Student Council, Time Table Committee and various Committees.

All the major stakeholders of the College including Management, The Governing Body, The Principal, Teaching and Non-Teaching Staff, Parents, Students and Alumni work in a democratic way of governance following the tacit rules of accountability in execution of their duties and responsibilities.

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## 6.2 Strategy Development and Deployment

*6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc*

**Answer:**

### **Organizational structure:**

The **Organizational Structure** of the College consists of the Management, Governing body, the Principal, the teaching staff, the non-teaching staff and the students. The Management of the College consists of the delegates of ZSCT's Thakur Shyamnarayan Degree College.. It is the highest decision-making body which is in constant touch with the Principal on all matters pertaining to the smooth functioning of the institution. This is followed by the Governing Body of the College which meets at least thrice a year to discuss issues relating to finance, infrastructure, faculty recruitment and the matters related to the overall development of College.

**The Principal** is assisted by the Teachers-in-Charge (TIC) of the Departments, the Staff Council (all teaching faculty) and the Non-Teaching Staff which comprises of the Administrative Officer, Section Officers (one for Accounts Office and one for the General Administration), Senior and Junior Office Assistants and manual staff. The TIC oversees the smooth functioning of the department for which meetings are held on a regular basis to discuss issues and concerns relating to curricular and extracurricular activities. College Development Council meetings are held at least twice every semester for the effective planning and implementation of programmes like teaching, learning, academic administration, curricular and extracurricular activities.

The College also has an **Internal Quality Assurance Cell (IQAC)** which works towards realization of the goals of quality enhancement and sustenance. The IQAC plays an important role for monitoring the internal quality of the institution.

**Student Council** meetings are held regularly to address the student related issues and organize extracurricular activities through various Committees.

The **Library organization** includes Librarian, Assistant Librarian, Library clerks and library attendants.

**Various committees** are constituted for the planning, preparation and execution of academic, administrative and extra-curricular purposes. Each committee consists of the Incharge and its members.

### **Procedure of Recruitment – (I) Teaching Staff**

- Letter to Management for Sanction the teaching and non teaching staff as per pattern
- Letter of management for Draft of Advertisement
- Advertisement in National paper for requirement of staff

- Application form Scrutiny, interview by the Principal
- Appointment, Approval

## II) Procedure of Recruitment – (II) Non Teaching Staff

- Advertisement at local level
- Selection by management committee
- Appointment Approval by management

### The institutional Strategic / Perspective plan is effectively deployed

Yes, The institutional perspective plan aligns with the vision and mission of the institution which are the constant driving factors for improving academic quality policies and strategies.

At the beginning of the academic year, various bodies and committees that constitute the Organogram of the institution, chalk out the strategic plan of events and activities which will support the growth and development in these key areas and at the end of the year, a review is taken about implementation and the outcomes of the perspective plans. One such broad area in which the Institutional Perspective and Strategic Plan has been successfully implemented is that of Teaching, Learning and Research.

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### 6.2.2 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination



**Answer:** A. All of the above

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### 6.3 Faculty Empowerment Strategies

#### 6.3.1 *The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff*

**Answer:**

### Employees Provident Fund

#### 1. For New Entrants:

- Enrolment: An employee is eligible for membership from the day he joins the covered establishment.
- If an employee's emoluments exceed Rs. 15,000/- per month, he has the option to join the Scheme(s) with the consent of employer.
- On becoming a member of the Schemes fill details in Form No. 2 (family particulars/ nominations) through the employer.
- Rate of contribution payable by a member shall be @ 12% of Basic Pay + DA + DP.

#### 1. For Existing Members:

- Enrolment: Any change in the family status, such as :
  - Marriage of the member.
  - Additions / deletion in the family.
  - Legal adoption of the children.
  - Change of nominee, is to be filled in Form No. 2 through the employer.
- A member is entitled to various benefits & facilities such as withdrawals, advances, pensions, death insurance etc.

### 3) Insurance

#### 3.1 Accidental Insurance

#### 3.2 Medical-claim

#### 3.3 Sponsorship scheme for Faculty:

- Under Career Advancement Scheme (CAS), institutes can allow the deserving faculty members with prior approval from the management, to upgrade their qualification by acquiring P.G. / M. Phil. / Ph.D.

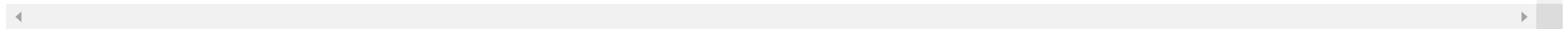
- Sponsorship for Attending Training / Seminar / Workshop / Conference
- Sponsorship For National / International Conference, Paper Presentation And Publication In Journal / Proceeding

### 1. Sponsorship Scheme For Non-Teaching /Admin Staff

1. Sponsorship For Higher Studies
2. Sponsorship For Attending Training / Seminar / Workshop

### 1. Teacher's Self-Appraisal

The College requires that the teachers furnish a self-evaluation form every year, available on the College website. This provides an insight into one's own assessment of effectiveness of the teaching style and its impact on the students. It highlights how the teacher handles different situations that affect the learning progress of the students. It also makes known the involvement of the teacher in both academic and administrative activities. Through this form, a teacher can showcase his/her continuous professional development (paper presentations, publications, seminars and conferences attended) etc. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment. The PBAS proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the Principal. The performance appraisal is also used for Career Advancement of the teachers who are updated about their performance at each level. If there is a scope for improvement on the part of the teacher, they are advised to upgrade themselves. This is crucial for later promotions as per the norms. The whole system is carried out in a confidential manner. The respective teacher is informed about the same and suggestions given. The link for APAR is available on the website for the teachers to fill the annual performance appraisal report.



| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

**6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

**Answer:** 46.58

**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 34      | 0       | 0       | 0       | 0       |

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

**6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

Answer: 56.6

**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 60      | 0       | 0       | 0       | 0       |

**6.3.3.2 Total number of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff year-wise during the last five years**

Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 33      | 0       | 0       | 0       | 0       |

| File Description                            | Document                      |
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| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

**6.4 Financial Management and Resource Mobilization**

***6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)***

**Answer:**

1. Funds from College trust (Zagdu Singh's Charitable Trust)
2. Fees from students for regular and add-on courses

**Utilization:**

1. This Income and Expenditure Account Audit for the last five years, itself explain mobilization of funds and the optimal utilization of resources.
2. Institution has strategic for mobilization and optimal utilization of resources and funds for salary, library expense, conference and paper publication expenses, laboratory expenses, infrastructure augmentation, scholarship, staff welfare, stationary, etc.

A well-defined mechanism is in force for financial audit to have discipline and transparency in financial management. The accounts of the institution are subject to internal and external audit.

**Internal Audit:**

The internal audit is conducted annually by an approved auditor appointed by the Management who checks the receipts/payments of all college accounts.

They submit audited statements of income and expenditure to the management for consideration and approval.

Internal audit is a continuous process which ensues after each and every financial transaction, whereby the college itself carries out the initial stage of the internal audit.

In the initial stage, the officer in-charge scrutinizes and verifies the financial data.

This is again scrutinized by the Administrative Officer and the Principal for clarity, authenticity, transparency and financial accuracy. Income/Expenditure is closely monitored by the treasurer, the Principal and the Section Officer (Accounts).

Proper procedure for purchases is adopted. Quotations are called for and prices are compared. The Institution has formed a Purchase Committee for the purpose.

**External Audit:**

The external audit takes place annually after the completion of every financial year. The Chartered Accountant, who works as an auditor is appointed by the College. The program goes on for 8 to 15 days during the month of April. The bills and vouchers of the revenue expenditure are checked. The vouchers and proper record with the concerned Department of the capital expenditure is also checked and verified. Departmental Accession Register, Dead Stock Registers/Purchase Registers are physically checked.

### Remark of Auditor:

The remark of the auditor for 2017-18, 2018-19, 2019-20, 2020-21 and 2021-22 regarding financial audit is Receipts and payments are correct; Books of accounts are verified. It shows the regularity in accounts.

No audit objections/compliance, The 'receipts' head of account shows transparency and regularity in account audit.

| File Description                        | Document                      |
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| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

### 6.5 Internal Quality Assurance System

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities**

### Answer:

College has a rich culture of institutional functioning through participation among all stakeholders especially faculty, students, employer and alumni. The IQAC plays an important role in ensuring quality of the functioning of administrative and academic units of the college. It is mandatory for all faculty members to submit Annual Performance Appraisal Report (APAR) which tends to self-evaluate them on the basis of a number of performance indicators viz. research publications, paper presentations in Conferences, innovative practices in teaching, awards, extracurricular activities, commitment to social causes through extension activities and other academic achievements. These have been diligently implemented by the authorities and serve as effective mechanisms of self-evaluation.

| Sr. No. | Meeting Dates  | Agenda             |
|---------|----------------|--------------------|
| 1.      | 25th June 2021 | ISO process of HEI |

Assessment and Accreditation of HEI by NAAC

formation of IQAC

feedback of Employers, Teachers, Students and Alumni

to start Job Ready add on courses

planning of Unique practices of the HEI

MOU with Institutes, Companies, etc.

administrative training programme

welfare of employees

Encouragement of Teachers, Students in workshops, seminars, etc.

|    |                |  |
|----|----------------|--|
| 2. | 15th Aug. 2021 | <p>Reading and approval to the minutes of meeting of previous IQAC meeting</p> <p>development of Social platforms for students (DLLE)</p> <p>upscaling of Library resources</p> <p>extension activities in HEI</p> <p>focus on Research and Innovation</p> <p>Research Fund provision for teachers</p> <p>students participation fund</p> <p>effective curriculum development for add on courses by concern teachers</p> <p>provision of Smart Boards in class rooms</p> |
|----|----------------|--|

|    |                    |  |
|----|--------------------|--|
|    |                    | <p>planning of cross cutting issues</p> <p>alumni activities</p> <p>infrastructure amenities</p>   |
| 3. | 22nd Oct. 2021     | <p>Reading and approval to the minutes of meeting of previous IQAC meeting</p> <p>review of COVID-19 situation</p> <p>active vaccination drive</p> <p>funds for patent</p> <p>awards and recognition of HEI by society</p> <p>Audits of HEI and its follow up</p> <p>student support in HEI</p> <p>initiatives for Gender equality and Gender sensitization (WDC activities)</p> <p>up gradation of Gymkhana</p> <p>Sanitary Napkin Machine</p> <p>Book Bank development for HEI</p> <p>library N-list, NDL and OPAC</p> |
| 4. | 26th January, 2022 | <p>Reading and approval to the minutes of meeting of previous IQAC meeting</p> <p>Training and placement unit in HEI</p> <p>Registration and Funds for patent</p> <p>felicitation of Women with distinction and as gender sensitization</p>  |

|    |               |   |
|----|---------------|---|
|    |               | <p>encouragement of students by honouring as Best Student</p> <p>Industrial Visits of students</p> <p>participation of students on Unit Youth Festival</p> <p>organisation of Sports committee</p> <p>organisation of Cultural committee</p> <p>Inter-departmental activities</p> <p>Book donation by Alumni</p> <p>organisation of Degree distribution programme</p>   |
| 5. | 1st May, 2022 | <p>Reading and approval to the minutes of meeting of previous IQAC meeting</p> <p>Teacher's appraisal</p> <p>workload for 2022-23 and requirements of Teaching, Non-teaching</p> <p>staff and Infrastructure</p> <p>Review of NAAC preparation</p> <p>Review of Academics for 2021-22</p> <p>Review of Extension activities for 2021-22</p> <p>SWOC analysis for 2021-22</p> <p>planning for next academic year</p> |



| File Description                        | Document                      |
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| Provide Link for Additional information | <a href="#">View Document</a> |

**6.5.2 Quality assurance initiatives of the institution include:**

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2. Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3. Participation in NIRF**
- 4. any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

**Answer:** B. Any 3 of the above

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

**7. Institutional Values and Best Practices**

**7.1 Institutional Values and Social Responsibilities**

**7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years**

**Answer:**

**The Institution initiated for the promotion of gender Equity**

Yes, The Institution took efforts for the conduct of Gender Equity & Gender Sensitization

- Enrollment of students during the academic year 2021-2022 (M 630 & F 312)
- Representation of female students in Student Council (M 24 & F 17)
- Representation of female students in College Committees (Total students 146 & F 81)
- Representation of female students in academic rankings. (Total Students 66 & F 25)
- Participation of female students in Extracurricular activities. (Total Students 9822 & F 5628)
- Participation of female students in Research Activities. (Total Students 569 & F 204)
- Annual Gender Sensitization Action Plans (Total Students 569 & F 204)
- Annual Gender Equity & Gender Sensitization Activities.

- KOC - Gender Sensitization & Gender Equity
- Safety & Security
- Counseling
- Common Rooms
- Felicitation of Women Power on International Women's Day
- Best Student Award (Male & Female)]
- General Secretary & University Representative as Apex Post of Statutory Body Student Council

### **Institution celebrates / organizes National and International Commemorative Days, Events and Festivals**

Commemorating days, events and festivals of national importance honors the great heritage of India. Recognizing the momentous contributions of historical figures to freedom and justice, likewise, inspires the youth. TSDC celebrated **58** Commemorative Days, Events and Festivals, Out of that **25** International commemorative days, **28** National commemorative days, **02** State Level commemorative days, **3** Institute level days.

TSDC celebrates Trust Foundation Day, College Foundation Day and birthday of CEO Rajesh Singh Sir as the Institutional Day with much fanfare, on 19th July of every year.

TSDC celebrates University Foundation Day on 18th July of every year. The National Level Days are also organized. The days organized are Independence Day, National Sports Day, Teacher's Day, Indian Constitutional Day, National Youth day, Army Day, National Voters Day, Republic Day and National Science Day. The college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. Our college celebrates & organizes the birth anniversaries of national heroes and important Days. The college also believes that education will allow the students to bloom, blossom, giving them the right platform where they will work towards becoming a responsible citizen.

TSDC always has taken the responsibility of holistic development of the students. The International Days such as World Environment Day, International Tiger Day, International Youth Day, International Day of Non-Violence, World AIDS Day, Human Rights Day, World Hindi Day, World Leprosy Day, World Cancer Day, International Day of Women and Girls in Science, World Day of Social Justice, International Women's Day, Common Wealth Day, World Consumer Day. All these activities of celebrations and organizations of important events, commemorative days and festivals have become instrumental and help building today's youth. Importance of national festivals and events preach to them and remind them about our country's cultural heritage and history.

| File Description                        | Document                      |
|---|-------------------------------|
| Upload Additional information           | <a href="#">View Document</a> |
| Provide Link for Additional information | <a href="#">View Document</a> |

#### ***7.1.2 The Institution has facilities and initiatives for***

1. *Alternate sources of energy and energy conservation measures*
2. *Management of the various types of degradable and nondegradable waste*
3. *Water conservation*
4. *Green campus initiatives*
5. *Disabled-friendly, barrier free environment*

**Answer:** A. 4 or All of the above

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Upload supporting document | <a href="#">View Document</a> |

**7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

1. *Green audit / Environment audit*
2. *Energy audit*
3. *Clean and green campus initiatives*
4. *Beyond the campus environmental promotion activities*

**Answer:** A. All of the above

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Upload supporting document | <a href="#">View Document</a> |

**7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)**

**Answer:**

### **Institutional efforts for Cultural Diversity Activities**

Institute celebrates Indian cultures such as Diwali, Dashera, 'Eid, Christmas, Holi, etc .it is cultural efforts for inclusive harmony of Indian. HEI carried out know our cultural programmer throughout academic year. Know Our Culture initiatives has been taken to carry out cultural diversity. It shows the cultural efforts for inclusive harmony in society. Sweets prepared by HA and CA department and distributed to society is an effort for inclusive harmony in society. All this initiatives were taken by TSDC to promote the understanding of unique cultural and ethnic heritage.

### **Institutional efforts for Communal Diversity Activities**

Among the stakeholders like students and staff belongs to various community, religion. Institutional effort seems that students and staff represent 'Mini India' as communal representation. TSDC seeks the opportunities for the better living standard of the community people. Development is required in all sectors of the community. Activities such as Orientation on Citizen to Netizen, District Level webinar on Gender Awareness, Webinar: Breast Cancer Awareness, Sweet Distribution Drive, Cloth Donation Drive, Fire Safety Training and many more activities has been conducted.

### **Institutional efforts for Regional & Linguistic Diversity Activities**

The Zagdu Singh Charitable Trust is linguistic minority status trust. It shows the institutional efforts to cater the educational facilities to linguistic minority students. HEI provides 50% admissions reservations (as per government under linguistic minority) for linguistic minority students. Rests of 50% admission are for reservation categories students, as per government regulation. TSDC has conducted many activities based on regional & linguistic diversity.

HEI observed birth anniversary and death anniversaries of Indian Social Reformers. TSDC has taken the initiatives in the celebration of the national commemorative days.

### **Institutional efforts for Socio Economic Diversity Activities**

Visit to old age home, distribution of clothes, sweet to slums, blood donation, vaccination drive for society, Raksha Bandhan for covid-19 warriors and many more such socio-economic activities were conducted.

### **Institutional efforts for the conduct of Human Values, Rights & Duties Activities**

Thakur Shyamnarayan Degree College has been committed to educating our students as constitutionally aware citizens sensitized to their Fundamental Rights and Duties.

The IQAC and BMS Department have organized a National level webinar on Human Values and Anger Management. The National Service Scheme (NSS) Unit is dedicated to creating a 'sense of patriotic commitment' for National development. TSDC has an active NSS Unit where students engage in community service programmes. The IT Department has conducted a University level webinar on Human values. The HM Department had conducted a University level webinar on human values, which was highly appreciated by the students. Department of Microbiology had organized a District Level quiz Competition on Human Values to enable students to apply their awareness and knowledge on human values.

International Yoga Day has been observed by the college through sessions on 'Yoga' organised by the BAMMC Department and a training session on Yoga for faculty of the College, Storytelling Competitions on Human values. The CS Department had organized a National Level Webinar on Humanity after the Pandemic.

| File Description              | Document                      |
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| Upload Additional information | <a href="#">View Document</a> |

[Provide Link for Additional information](#)[View Document](#)

## 7.2 Best Practices

### 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

#### Answer:

- **Title: Know Our Culture (KOC)**

#### Objectives:

The Institution took an initiative as a best practice in the form of Know our Culture (KOC). The major objective of KOC was to make students understand about their rooted culture and best take-ways associated with it. Students were updated through a creative presentations loaded with the specific information about each Indian festival and the ideologies behind its celebration.

#### The Context

The context of the activity was based on awareness related to the Indian culture & festivities. There is a possibility that students know about the various festivals but unaware of the logical explanation associated with rituals of those festivals. While designing this practice; due care was being taken to provide information not just about the traditional rituals related to the festival but also the logical or scientific explanation and teachings associated with. However, the challenge while implementing the practice was to clarify the sincere intention of the college to promote the cultural & logical outlook and not to promote a particular culture specifically.

#### The Practice

The responsibility of HEIs is not just to educate students academically but in many other dimensions. The uniqueness of this practice was to capture one of such dimensions required to train student's mind to strike balance between the outside culture and our own culture. Today's youth gets excessively influenced by western culture and try to follow it blindly. It's not about being stringent about own culture or being inflexible towards other's culture, but there is a need among the youth especially, to get adapted to other's culture by holding our own roots. This practice prominently helped the students to change their outlook towards the celebration of Indian festivals irrespective of any particular religion or caste or community. Through this practice students will not consider the festivals just a mere ritual or traditional formality but they will take this celebration as a pool of lessons which they can implement in their lives and become a better human being. This way, Indian Higher education which is considered as one of the rich educational system can imbibe the great values and life skills among the present & future student's generations.

#### Evidence of Success:

KOC practice thus reaped the success not just quantitatively but qualitatively.

KOC bridged the gap between the traditional reasons and the logical reasons for the celebration of festivals. The success of the practice lies in the fact where students would not take a festival as a public holiday but the true celebration of the great values on which each Indian festival is based on.

- KOC reached to HEI – 942 students means 942 families.
- KOC reached to Social Media groups through whatsapp and Telegram is over 90,000 people.
- KOC reached to 7 universities of Maharashtra through emails of each university.
- Reached to thousands of affiliated colleges of seven universities in Maharashtra.

### Notes:

KOC – Know Our Culture is one of the best activity of this college because, in this modern nuclear families society; HEI is playing role of Grandparents who narrating best ideas, human values, moral values, ethical values with reference to our culture.

- **Title: Citizen to Netizen**

### Objectives:

*“Digital is the present & future; let us embrace it and pursue it together”.*

The college had taken an innovative step in the form of Citizen to Netizen. The major objective of Citizen to Netizen was to bridge the digital divide and to create “Digitally aware Citizens”. The students of the college got an opportunity to become trainers to guide citizens about the usage of various applications of Digital devices.

### The Context

Digital literacy is important for establishing your presence in the modern world. Digital literacy is a skill that is important for everyday use not only at the corporate level or job performance but also in our personal endeavours. With the consideration of privacy concerns, this initiative enabled the citizens to take the advantages of digital media to its fullest. The prospective challenge while implementing the activity was the discomfort from the side of students to approach the citizen elder than them; however it was being overcome by giving them proper orientations and training.

### The Practice

College chose students as the best resource persons to train on digital literacy. Following topics were covered under Citizen to Netizen:-

- Navigating through desktop & smartphone to know various functions & applications within.
- Using Search engines for searching information and accessing websites, Using various e-commerce sites for online shopping, online banking ticket booking using various portal such as IRCTC, Red bus, Book my show, yatra.com etc.
- Directing on Social Media platforms such as using WhatsApp, Facebook, Instagram, YouTube, Snapchat, Skype etc. along with their various interesting features.
- Along with the use of online activities, guiding beneficiaries about very important cyber issues such as privacy concerns, cyber frauds in online transaction, care to be taken while exchanging sensitive information such as account details, photographs, personal information, malicious websites etc.

### Evidence of Success:

Following are some of the feedback from the beneficiaries of “Citizen to Netizen”.

- I am confident using GPay. Different apps like E-Newspaper app, E-books, audiobooks, WhatsApp video to call, repeat telecast on ZEE5, Spotify, Duolingo or learning languages, for purchasing food, Groceries, travel by M-indicator, Net-banking, Use Practo and Pharm to get medicine, etc. Thank you so much Citizen to Netizen.
- Wonderful initiative taken and thanks to all the youngsters for helping us understand the power of media. I Couldn't thank enough to all the youngsters who helped us understand technology better. Initiatives are truly beneficial.

#### Notes:

Most of the students approached to the citizens and gives them ease in many routine tasks such as online shopping, ticket booking, and online transactions, social media utility, media downloads etc. The success of Citizen to Netizen was achieved to train the citizen to the use of their smartphone or digital technology to its fullest. The satisfaction seen on the face of citizens ailing with feeling of being socially responsible among the students was itself an evident to the success of this initiative.

| File Description                                      | Document                      |
|---|-------------------------------|
| Best practices as hosted on the Institutional website | <a href="#">View Document</a> |
| Any other relevant information                        | <a href="#">View Document</a> |

### 7.3 Institutional Distinctiveness

#### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

#### Answer:

#### (Research and Development)

To follow the global trends with local relevance is one the mission – priority and thrust area of the HEI. The performance of the institution in research and development is very distinctive. The research and Development activities of HEI are true to follow the global trends with local relevance.

The highlights of this distinctive performance of HEI are as below

|                                     |     |
|-------------------------------------|-----|
| Research project undertaken         | 46  |
| Researchers (teachers) participated | 33  |
| Researchers (students) participated | 593 |

|  |   |
|--|---|
| <b>Research conference held</b>          | <b>7 National Research Conference</b>   |
|  | <b>5 International Research Conference</b>  |
| <b>Research paper presented</b>          | <b>593</b>  |
| <b>Research papers published in</b>      | <b>International Journal peer team reviewed with more than 6 impact factor and UGC listed</b> |
| <b>Research conferences nature</b>       | <b>National &amp; International level</b>   |
| <b>Number of department participated</b> | <b>08</b>   |

This table shows that HEI worked on research performance. It involves innovative global thoughts with local relevance; the research work was carried out by knowledge resources of this HEI and the students. Teachers of this institute took initiative to develop research which is having global trends with local relevance.

The Management of the college provided the research fund to each teacher. The total amount provided by management for teachers is ₹4,40,600/- . It underlines the better governance of management. It shows management works for the vision of HEI.

Involvement of students in research work is remarkable. In all 593 students involved in research work. The students carried out research work under the vigilance of 33 teacher-mentors. The results, discussions were critically analyzed by the guide/chief investigator of that research project. The research findings or review discussions were then formulated in the form of research/review paper form. The research/review paper published in an international journal with ISSN index, double peer team reviewed with more than six impact factors and UGC listed. This initiative indicates that HEI is keen on research and development activities. The HEI took initiative to publish the research paper publication in standard journals. The HEI is very keen on its vision, especially this R&D activity that leads global trends with local relevance. 33 teachers along with 593 students not only publish the papers but also present the papers. Students get knowledge of research, students acquainted with knowledge of critical analysis of data, students learn to present the research data in the form of research/review paper; students cultured with paper presentation in national/international conferences; students got credit of publication of research papers in international ISSN indexed peer team reviewed journal. In all, 25 teachers and 46 students received the best presentation certificate by the authorities. It is a success story of the vision of HEI to follow the global trends with local relevance.

The themes of research project, research conferences are also a directive to vision of HEI as the global trends with local relevance, conference theme.

| <b>Sr. No</b> | <b>Theme/Topics</b>  | <b>Level of Conferences</b> | <b>Date</b>   |
|---------------|--|-----------------------------|---------------|
| 1             | Role of Multidisciplinary Approach to Pandemic Situation                                       | National E-Conference       | 25th Nov 2021 |
| 2             | Issues/Challenges/Barriers to organizational goal achievement in regards to Managerial Aspects | National E-Conference       | 29th Nov 2021 |



|    |  |                            |                 |
|----|--|----------------------------|-----------------|
| 3  | Emerging trends in mass media during pandemic                          | National E-Conference      | 30th Nov 2021   |
| 4  | How IOT has changed the world  | National E-Conference      | 26th Nov 2021   |
| 5  | Entrepreneurship development   | National E-Conference      | 20th Dec 2021   |
| 6  | Role of AI in pandemic   | International E-Conference | 27th Jan 2022   |
| 7  | Role of Managerial Skills in Entrepreneurship Development              | International E-Conference | 29th Jan 2022   |
| 8  | Library management in higher education and higher education industries | National E-Conference      | 7th Feb 2022    |
| 9  | Significance of research in mass media (International e-conference)    | National E-Conference      | 8th Feb 2022    |
| 10 | Study of Microbiomes   | International E-Conference | 10th Feb 2022   |
| 11 | Revival of hospitality industry post covid-19 globally                 | International E-Conference | 28th Feb 2022   |
| 12 | National Education Policy (2020)                                       | National E-Conference      | 28th March 2022 |

The themes, subthemes of research projects, research conferences by the HEI indicate the efforts are put in towards the thriving area of vision that thinks globally with local relevance.

### Awarded Patent of Innovation to HEI

Germany patent granted and published entitled

1. **Novel Bacteriocin Composition Of Lanthionine**” by Dr. Sharad Phulari, Principal and Dr. Bharti Wadekar, Assistant Professor, Microbiology Department, Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai.

- Date of Filed: 23rd December, 2021.
- Patent application number is 20 2021 107 080.3.

2. **Composition of Antibacterial Lantibiotics obtained by *Lactobacillus rhamnosus***” by Dr. Sharad Phulari, Principal and Dr. Bharti Wadekar, Assistant Professor, Microbiology Department, Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai.

- Date of Filed: 20th April, 2022.

- Patent application number is 20 2022 102 101.5

3. **Synergistic Antibiotic Pharmaceutical Composition for Treatment *Staphylococcus aureus* infections**” by Dr. Bharti Wadekar, Assistant Professor, Microbiology Department of Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai.

- Date of Filed: 20th April, 2022.

- Patent application number is 20 2022 102 100.7

Registration and publication of Patents for Innovation to the HEI are feathers in crown.

| File Description                             | Document                      |
|--|-------------------------------|
| Appropriate web in the Institutional website | <a href="#">View Document</a> |
| Any other relevant information               | <a href="#">View Document</a> |

## Extended Profile

### Students

*Number of students year wise during the last five years*

#### Answer:

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 942     | 478     | 162     | 26      | 20      |

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

### Teachers

***Number of teaching staff / full time teachers during the last five years (Without repeat count):***

**Answer:** 73

| File Description                            | Document                      |
|---|-------------------------------|
| Upload supporting document                  | <a href="#">View Document</a> |
| Institutional data in the prescribed format | <a href="#">View Document</a> |

***Number of teaching staff / full time teachers year wise during the last five years***

**Answer:**

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 44      | 17      | 07      | 03      | 02      |

**Institution**

***Expenditure excluding salary component year wise during the last five years (INR in lakhs)***

**Answer:**

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 439     | 199     | 51.83   | 6.33    | 4.21    |

**Conclusion**

***Additional Information :***

The TSDC is unique example of the optimal way to accomplish tasks and achieve goals – using planning, organizing, staffing, directing and controlling processes in education.

Institute was having 02 teachers in 2017-18 and 44 teachers in 2021-22. It shows the multifold excellence in providing the education resources.

In Institute premises there are two more colleges, as Thakur Polytechnic and Thakur Aviation. The TSDC degree institute is helping Diploma students of Thakur Polytechnic to continue degree in IT, BMS subjects. Thus, TSDC is progression station for T-Poly students. Many more students avail this facility.

Thakur Aviation provides diploma to students which is EASA and DrGCA approved. These diploma students can avail the degree in B.Sc. Aviation (Avionics) and B.Sc. Aviation (Mechanics) in the TSDC. It means TSDC Degree College works in complementary with the diploma to degree platform.

As per present data, about 14% - 15% of Institute only under went for NAAC in India, as well as Maharashtra. It means about 86% of Institute are scared to get AA by NAAC. However, TSDC is going for AA immediately of its five years completion at verge. It shows confidence in its own quality of teaching – learning process.

TSDC has supplementary support by T-Poly and TIT. Rome is not built in one night – similarly TSDC not built in one night. For its making supplement of T-Poly and TIT sets best example of evolutionary model of co-operation.

The Institute has took challenge to undergo assessment and accreditation within span of five years of college establishment. The preparedness of College for quality education is to underline. There were hardly 20 students with 01 department in 2017-18 which transforms in 942 students with 10-15 departments is amazing quantitative progress. 100% result of all classes of all branches of all students is also mark the quality of teaching – learning and evaluation.

TSDC plans for permanent affiliation with University of Mumbai, 2F/12B affiliation of UGC, potential to excel as CPE i.e. college for potential excellence in near future. Institute also plans to work as autonomous college under the wings of University of Mumbai.

### ***Concluding Remarks:***

Thakur Education Group's (Linguistic Minority) Zagdu Singh Charitable Trust (ZSCT) governs 18 different Institutes, one of it is Thakur Shyamnarayan Degree College.

TSDC has permission of Government of Maharashtra and affiliated to University of Mumbai. It is self-finance college with co-education type.

TSDC works in complementary and supplementary for Thakur Polytechnic College and Thakur Aviation Institute in the premises.

College started with 20 students, 01 department, and 02 Teachers in 2017-18. It has 942 students, 10 functional departments, 44 Teachers in 2021-22. Its quantitative progress is multifold break through.

About 85% HEI in India not AA by NAAC. However, TSDC dare to go for AA at emergence of '5' years, 3 batches pass out. It is a praise worthy and commendable.

Institute has superior teaching learning process which indicates 100% result of Examination, 100% PG qualified teachers, student : teacher ratio is 21:1; active grievance redressal team for transparent, efficient and time bound solutions. HEI has potential student centric teaching-learning and evaluation.

05 books publication, 46 research projects, 700 research papers publication, 07 National and 5 International conferences with 3 sanctioned patents by Germany, 230 extension activities shows excellence in Research, Innovation and Extension.

College honored with 10 Best College awards, 18 awards for teachers and 75 awards for students marks the excellence of Institute.

Aesthetic, modern infrastructure, fully automated library, time tested ICT facilities, about 35% expenditure on maintenance shows distinction of Institute in infrastructure and learning resources.

College has carried out 99 capacity building and skill enhancement activities, 29 events for competitive field guidance, 50% of placement & progression of students, 82% of sports & cultural programmes, active participation of Alumni by donation of books of worth Rs.87,200/- and organization of 35 events shows best of students support and progression.

Decentralization in governance, e-administration, ISO certification, 100% participation of teaching – nonteaching staff in Faculty Development programmes, and 408 programmes by IQAC for curriculum means excellence of Institute.

Solar energy system, green audit, energy audit, waste management system, Know Your Culture and Citizens to Netizens as best Practices of college marks the institutional values & best practices.

## **EXCLUDED METRICES**

No Metrics are Excluded

## **ANNEXURE**