Report of the National Fee Committee Constituted by
AICTE
Under the Chairmanship of
Justice Shri. Srikrishna, Former Justice, Supreme Court of
India
for Prescribing Guidelines for
Charging Tuition and Other Fees
for Professional Courses

April 7, 2015

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1	Introduction
1.1	**Background**
	The Competent Authority of AICTE in terms of AICTE ACT Section 2(g) has constituted a Committee for prescribing guidelines for charging tuition fee and other fees, for students of technical institutions and universities imparting technical education to help prevent commercialization of technical education.
1.2	**AICTE Act and its Provisions**
	AICTE established by an Act of Parliament, is entrusted with the responsibility of proper planning and coordinated development and regulation of technical educational system throughout the country.
	Section 10 of the AICTE Act defines the powers and functions of the Council. It shall be duty of the Council to take all such steps as it may think fit for ensuring coordinated and integrated development of technical and management education and maintenance of standards.
	For the purpose of performing its function under this Act, in addition to other functions, the council may-
	• 10(j) "fix norms and guidelines for charging tuition and other fees" • 10(n) " take necessary steps to prevent commercialization of technical education"
	The formation of the present Committee is in compliance of the above mentioned provisions.
1.3	**Reference documents**
	Supreme Court has made observations and also given guidelines regarding charging fees in technical institutions while giving judgments in related cases. The Committee referred following judgments.

	• In the case of Unni Krishnan J P and others v/s State of Andhra Pradesh & others
	     • In the case of TMA Pai Foundation & others v/s State of Karnataka & others
	     • In case of Islamic Academy of Education and another v/s State of Karnataka & others
	     • In case of PA Inamdar& others v/s State of Maharashtra & Others
	 The Committee also referred following documents:
	     • Regulations notified by AICTE No: GSR 320(E) dated 07.07.1992 prescribing norms and guidelines for admission of students
	     • Regulations notified by AICTE No: GSR 476(E) dated 20.05.1994 prescribing norms and guidelines for admission of students
	     • Notification dated 18.03.97 issued by MHRD, GoI regarding policy on fee fixation in Private unaided educational institutions including management

	education
	• Regulations notified by AICTE vide 37-3/Legal/(v)/2003
	• AICTE Approval process handbook (2015 – 2016)

1.4	**Work of the Previous Committee**
	AICTE had earlier formed a Committee under the Chairmanship of Justice Shri Ranganath Mishra in 2008. The Committee did good amount of work and prepared a draft report.
	AICTE made available the draft report to the current Committee. The Committee has studied the draft report. It was an important source of information for this Committee to begin its work.

1.5	**Composition of the Committee and Terms of Reference**
	Composition of Committee is formed by the Competent Authority at AICTE is as under:
	• Justice Srikrishna, (Former Judge, Supreme Court of India), Chairman
	• Prof R K Shevgaonkar, Director, IIT, Delhi
	• Prof V M Topkar, Professor & Dean (RM&F), VJTI, Mumbai
	• Dr M Abdul Salam, Vice Chancellor, Calicut University
	• Prof S K Kak, Vice Chancellor, Jaypee University of Information Technology, Solan, HP.
	• Shri Anilbhai Patel, Chairman, Ganapath University, Gujarat
	• Shri Yogendra Tripathi, Financial Advisor, MHRD
	• Commissioner, Higher Education, Govt of Tamilnadu
	• Secretary, Dept of Education, Govt of AP
	• Commissioner, Tech Education, Govt of Gujarat
	The terms of reference of the Committee are as under:
	- To fix norms and guidelines for charging tuition and other fees for the students of technical institutions
	- To suggest necessary steps to prevent commercialization of technical education in the country, i.e. to provide no scope for 'profiteering' but allow for marginal surplus for continuous improvement / development
	- To examine the issue of exemption in fees to SC/ST students
	- Any other terms, if required, which may evolve out of discussions, as decided by the Chairman and other members

1.6	**Methodology adopted**
	• Study of Prior Reports, guidelines etc
	The Committee went through the observations made in various cases by the Supreme Court of India.
	The Committee also referred earlier regulations and guidelines issued by AICTE and MHRD in this matter.

- Study of current status in Various States

Committee conducted a series of meetings with representatives of the State Governments, affiliating universities their views on the present status. Few states have 'Fees Committees' in place, which regulate fees in these states. The Committee studied the procedure adopted by such 'fees Committees' for giving approval to fees to be charged by the institutes in these states.

- Discussion with and inputs from Representatives of Government departments and of privately managed Institutes

The Committee also met with representatives of associations of Private Colleges in various states.

The Committee had following meetings for such interaction and discussion towards finalization of the Report:
1. 30th June 2014, AICTE HQ,New Delhi
2. 2nd August 2014, Mumbai
3. 30th August 2014, Mumbai
4. 21st Sep 2014, Chennai
5. 11th Oct 2014, Bangalore
6. 16th Nov 2014, Bhubaneswar
7. 9th Dec 2014, AICTE HQ,New Delhi
8. 20th Dec 2014, Mumbai
9. 1st Feb 2015, Mumbai
10. 1st Mar 2015, Mumbai

All the Meetings were coordinated by the Dr A Rajasekaran, Advisor, AICTE. Chairman and Vice-Chairman AICTE also attended some of these Meetings and provided valuable inputs.

2	Summary of presentations made by invitees before the National Fees Committee

The Committee conducted meetings at Mumbai, Delhi, Bengaluru, Chennai and Bhubaneswar. Directors of Technical Education of various states, Members of Fees Committees at state level and representatives of Associations of Private Institutes made their presentations. List of the organizations whose representatives took part in the discussions is enclosed as Annexure 01.

The representatives informed Committee about shortcomings of present system. They also pointed out few issues which they feel are not getting addressed thorough the State Committees. They also indicated the hurdles they have to overcome while undergoing the fees approval process every year. The views expressed by these representatives are listed in Annexure 02.

Sample of the fee structures implemented for the academic year 2013-14 are provided in Annexure 03. Also some sample proposals submitted by some of the representatives who met the Committee are included in Annexure 04.

3	Recommendations of the Committee

3.1	**Principles adopted / Parameters considered**
3.1.1.	**Norms and standards** AICTE has prescribed uniform operational norms and infrastructural standards to be maintained by the Institutes for operations as unapproved institution. The norms cover requirements in terms of land and building infrastructure, other services, laboratories, faculty and staff. The Norms are defined on the basis of courses being offered, sanctioned students strength etc., are more or less uniform irrespective of location and level of the Institute. These norms have been defined as 'minimum' requirements for starting and running an Institute (Refer Current Admission Process Handbook 2015-2016 of AICTE).
3.1.2	**Basic fees** Based on the norms defined, maximum fees to be charged to cover costs of providing and maintaining the infrastructure and for covering recurring expenditure towards payment of salaries, consumables etc. can be worked out.
3.1.3	**Recovery of Investments on land, buildings and other assets** The Trust / Society will have to invest funds for procurement of infrastructure i.e. land, buildings, equipment and furniture. Over the years land will appreciate whereas the buildings will depreciate. There will not be any provision for recovery of costs of these investments. However expenditure made on procurement and updating of laboratory equipment and library books has to be allowed and the same shall be depreciated as per the rates prescribed in the IT Act.
3.1.4	**Higher fees than 'maximum' fees** Institutes who want to excel in technical education are likely to provide facilities beyond the minimum prescribed standards. Such Institutes may be allowed to charge fees higher than the prescribed fees as mentioned below. The Institute, who has got accreditation from appropriate authority for at least two thirds of their eligible approved programmes / courses, can charge a maximum of 20% additional tuition fees than prescribed maximum fees. The Institute who has been awarded 'Autonomous' status by appropriate authority can charge a maximum of 10% additional tuition fees than prescribed maximum fees.
3.1.5	**Fee concessions to students belonging to socially & economically weaker sections** Institutes may charge concessional tuition fees to the students belonging to economically weaker sections of the society in accordance with the schemes of particular State Government and Central Government.
3.1.6	**Higher fees for supernumerary quota (FN/NRI)**

Report of National Fees Committee appointed vide F No 3-16/PC/Fee Com./2014(1)/591 dated 13.05.2014

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		Institutes can be allowed to charge higher tuition fees, limited to a maximum of three times the prescribed maximum fee to the students admitted under the categories of Foreign nationals (FN) and Persons of Indian Origin (PIO) with prior approval of AICTE. However, as per AICTE Process Handbook, clause 16.3, the children of Indian workers in the Gulf Countries shall be treated at par with resident citizens. The higher fees collected should be utilized to for further Institutional development.
3.1.7		**Higher fees for seats under any other category** Institutes shall not charge fees more than prescribed to students admitted under any other category.
3.1.8		**Period of applicability** The fees as detailed out and as worked out under these guidelines shall be applicable for next five years.

3.2	**Types of Fees to be charged**

	The Institutions shall charge fees only under following four heads.
	    i. Tuition
	    ii. Development
	    iii. Examination
	    iv. Other
	
	In addition to the above fees under following heads can be charged as per the guidelines indicated.
	
	Deposits:
	The Institute can charge a Caution Money Deposit, maximum of Rs 1000 for the duration of the programme at the time of admission to the programme. The deposit shall be refunded to the student in case of cancellation of admission or completion of the program after recovery of dues if any.
	
	If the deposit is not claimed by the student, within three years of leaving the Institute, same can be forfeited by the Institute and shall be used for Development of the Institute.
	
	University Fees:
	The Institutes shall also recover fees to be paid to the University on behalf of the student such as Registration / Enrolment, Cultural activities, Gymkhana, Examination, and Convocation etc. as prescribed by the affiliating University from time to time.
	
	Insurance fees:
	The Institute shall recover amounts paid towards Insurance of the students.
	
	Hostel fees:

	Though these guidelines do not provide specifically for fees and deposits for Hostel facility, same shall be finalized by individual Institutes and shall be reasonable to the extent of facilities provided.

3.2.1	**Tuition fees**
	
	Tuition fees to be charged for a course shall cover expenses as mentioned below:
	
	1. Human resources
	    o Salary of faculty
	    o Other benefits like LTC, Medical, insurance etc.
	    o Salary of non-teaching staff
	    o Other benefits like LTC, Medical, insurance etc. of non-teaching benefits
	    o Remuneration to visiting faculty
	    o Fund for Faculty development & research
	2. Learning resources
	    o Library books
	    o Library Journals
	    o e-resources
	    o Newspaper & magazines
	    o Library Software
	3. Computers
	    o Servers
	    o Terminals
	    o Printers
	    o Operating systems and Other Software
	    o Peripherals, Networking and Add-ons
	    o Internet
	    o Institute website
	4. Operational costs
	    o Electricity
	    o Water
	    o Repairs and Maintenance
	    o Postage
	    o Telecom
	    o Travel / conveyance / vehicle
	    o Photocopying
	    o Documentation
	    o Advertisement and publicity
	    o Printing & stationery
	    o Public relations
	    o Audit and accounting fees
	    o Insurance
	    o Taxes
	    o Hospitality
	5. Miscellaneous
	    o Laboratory Consumables
	    o Student activities (Social, Gymkhana, Sports etc.)
	    o Identity card and other Certificates
	    o Affiliation / Equivalence / Approvals and Visits there for
	    o Recruitment expenses
	    o Repairs and maintenance expenses

3.2.2	**Development Fees:** To provide for future expansion and development of the Institute can charge Development fees. The Development fees shall be limited to 15% of the tuition fees being charged which should take care of expansion of the system and development of education as also the non-recurring expenditure towards major repairs and replacement of laboratory equipment, furniture etc.
3.2.3	**Examination Fees:** Institutes which are affiliated to Universities shall charge the students examination fees as prescribed by the University. Autonomous Institutes affiliated to Universities shall charge the students examination fees at par with that charged / approved by the University.
3.2.4	**Other Fees:** Institutes shall charge a reasonable fee to cover following expenses under the head of 'Other Fees': - Contingency / Emergency fund - Outreach - Placement - Medical - Counsellor - Industry participation / tour Though the Guidelines do not provide specifically for the services mentioned above, Institute shall charge appropriate fees for the services offered. The Total fees charged under this Head, except for Industrial Tour, shall not be more than Rs 1000 or 1% of the Tuition fees chargeable, whichever is higher. Students shall be required to bear the expenses for the Industrial tours, if organized, only to the extent of their own expenditure. Expenditure of accompanying faculty and staff shall be borne by the Institute.

3.3	**Types of Institutions and Programmes conducted**
3.3.1	**Types of Institutions** The various Institutions conducting professional courses may be classified as follows: • Ownership (Govt / Govt Aided / University managed/ Private unaided) • Age of Institute • Number of programs (Single / Multiple) • Location (Type X / Y / Z as per VIth Central Pay Commission classification of cities)

The fees prescribed shall be same irrespective of type of ownership or age of the Institute. However, depending on the location of the Institute, prescribed fees will vary.

These Guidelines hold good for all Institutes located either in Urban location or in Rural location as mentioned.

If an Institute runs multiple programs, the Infrastructure Operational costs shall be shared amongst various programs and the fees shall be worked out accordingly.

3.3.2	**Classification of programs**

Various programmes conducted through AICTE approvals are as mentioned below:

a. Undergraduate Degree programs
   - 4 Year Engineering Degree (BE/B.Tech)
   - 5 year Architectural Degree (BArch)
   - 4 Year Town Planning Degree
   - 5 Year Applied Arts & Crafts Degree
   - 4 Year Pharmaceutical degree (BPharma)
   - 4 Year Degree in Hotel Management & Catering Technology (HMCT)

b. Post graduate degree programs
   - 2 Year Engineering Degree (ME/M.Tech)
   - 2 year Architectural Degree (M.Arch)
   - 2 Year Town Planning Degree
   - 2 Year Applied Arts & Crafts Degree
   - 2 Year Pharmaceutical degree (M.Pharm)
   - 2 Year Degree in Hotel Management & Catering Technology (HMCT)
   - 3 Year MCA
   - 2 Year MBA

c. Diploma programs
   - 3/4 Year Diploma Engineering
   - 3/4 Year Diploma Architecture
   - 3/4 Year Diploma Pharmacy
   - 3/4 Year Diploma Applied Arts & Crafts
   - 3/4 Year Diploma HMCT
   - 3/4 Year Diploma Town Planning

d. Post Diploma programs
   - 1.5-2 Year Diploma Architecture
   - 1.5-2 Year Diploma Pharmacy
   - 1.5-2 Year Diploma Applied Arts & Crafts
   - 1.5-2 Year Diploma HMCT

e. Part Time programs
   - Undergraduate / Post graduate / Diploma / Post Diploma

f. Dual Degree programs
   - 5 year MAM
   - 5 year MCA

g. Integrated programs
   - 5.5 year M T M
   - 5.5 year M P M
   - 5.5 year M H M
   - 5.5 year M AAC M
   - 5.5 year M TP M

3.4	Procedure to be followed for approval of fees to be charged
3.4.1	**Mechanism:** The Fees prescribed by these Guidelines is the fees that shall be charged by all Institutes. MHRD/AICTE shall issue Guidelines for verification of the expenditure made by the Institutes and fees charged to confirm that the Institutes are maintaining the standards as prescribed by AICTE / UGC / University and such other Authorities. The Guidelines shall clearly indicate the type and nature of documents which shall be acceptable for verification. The fees chargeable by the Institutes shall be used to recover the expenditure under expense heads mentioned in these Guidelines.
3.4.2	**Penalties:** The Institutes may charge penalties for different reasons like late payment charges, indiscipline etc. Such charges shall not be more than Rs.100 for a single incident.
3.4.3	**Non-conformity to the Norms** MHRD/AICTE should ensure that appropriate mechanism is prescribed to ensure strict action against Institutions violating the Guidelines.

3.5	Fees payable by students after First year
	The fees prescribed thus shall be payable by the students while taking admission in the first year of programme. The fees shall increase by 5% every year till the fees are reviewed and a revised fees structure is put in place and made applicable. For example, a student admitted to a four year programme will have to pay fees as below: |	Year 1	Year 2	Year 3	Year 4
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Fees payable in Rs	1000	1050	1102	1158	 For laterally admitted students fees payable shall be the same as payable by the other regular students in the class. Any revision in the fees will be applicable only to new entrants to the programme.

3.6	Assistance for students belonging to SC/ST candidates
	The Committee has worked out the fees considering expected expenditure to run the Institutes with minimum infrastructure standards prescribed by the regulatory bodies while maintaining reasonable quality of educational standards. The Committee feels that the cost of technical education as worked out may be beyond the means of certain students belonging to SC/ST candidates. The Committee strongly recommends that to offset the burden of the fees the Government needs to facilitate financial support / subsidy / scholarships.

3.7	Assistance for students belonging to economically weaker sections of the society
	The Committee has worked out the fees considering expected expenditure to run the Institutes with minimum infrastructure standards prescribed by the regulatory bodies while maintaining reasonable quality of educational standard. The Committee feels that the cost of technical education as worked out may be beyond the means of certain students belonging to economically weaker sections of the society. The Committee strongly recommends that to offset the burden of fees the Government needs to arrange for educational loan at concessional rate of interest. The Government may also consider Scholarship schemes for needy and meritorious students.

3.8	Assistance for post graduate education
	In order to encourage post graduate education the Committee recommends that the Government should make available fee waivers and scholarships to as many students as possible.

4	'Maximum' Fees prescribed of the Committee
	The Committee prescribes fees for full time programs as shown in Table 1 for various technical programs. The Fees shown are Maximum of Tuition and Development fees. For other fees refer guidelines mentioned earlier in the report. The working sheets for the computation of the fees are enclosed as Appendix 1. Figures in Table 1 are rounded off.
	Part time programs The total fees applicable to a part time program shall remain same as total fees for that for a Full time program. However, the fees chargeable per annum shall be on pro-rata basis. For example: If for a four year Full time program, the fees are Rs 150,000 p.a. Then total fees for a Full time program over four year duration is Rs 600,000. If the program is run in a part time mode over six years, the total fees for the program shall be Rs 600,000 and the per annum fees shall be Rs 100,000.

Dual Degree programs
For a five year dual degree program, fees for first four years shall be same as that for a full time undergraduate program. Fees for final year shall be same as that for full time post graduate program.

Integrated programs
For the integrated programs the per annum fees shall remain same as that meant for undergraduate program.

Duration of Programs
Diploma program is run either as three year program or as four year program. Though the computations have been done for a three year program the prescribed fees per annum will be applicable during the fourth year also for a four year diploma program. For a post diploma program having duration of 1 and 1/2 years, fees in the second year will be half of the fees prescribed per annum for a post diploma program.

Table 1.Recommended Maximum Tuition & Development Fees for Full time programs

	Type X cities	Type Y cities	Type Z cities
Undergraduate Degree programs			
o 4 Year Engineering Degree (BE/B.Tech)	158,300	150,500	144,900
o 5 year Architectural Degree (B.Arch)	225,300	213,500	205,050
o 4 Year Town Planning Degree	225,600	213,750	205,350
o 5 Year Applied Arts & Crafts Degree	225,600	213,750	205,350
o 4 Year Pharmaceutical Degree (BPharma)	155,125	147,250	141,650
o 4 Year Degree in HMCT	155,125	147,250	141,650
Post graduate degree programs			
o 2 Year Engineering Degree (M.E/M.Tech)	251,350	239,950	231,350
o 2 year Architectural Degree (M.Arch)	269,700	256,100	245,875
o 2 Year Town Planning Degree	269,700	256,100	245,875
o 2 Year Applied Arts & Crafts Degree	269,700	256,100	245,875
o 2 Year Pharmaceutical Degree (M.Pharm)	227,500	216,100	207,500
o 2 Year Degree in HMCT	227,500	216,100	207,500
o 3 Year MCA	171,150	163,250	157,650
o 2 Year MBA	171,300	163,400	157,800
Diploma programs			
o 3/4 Year Diploma Engineering	97,350	92,375	89,100
o 3/4 Year Diploma Architecture	97,900	92,925	89,650
o 3/4 Year Diploma Town Planning	97,900	92,925	89,650
o 3/4 Year Diploma Applied Arts & Crafts	99,500	94,500	91,200
o 3/4 Year Diploma HMCT	98,000	93,000	89,700
o 3/4 Year Diploma Pharmacy	97,975	93,000	89,700
Post Diploma programs			
o 1.5-2year Diploma Engineering	97,800	92,850	89,550
o 1.5-2 Year Diploma Architecture	98,650	93,650	90,350
o 1.5-2 Year Diploma Pharmacy	98,650	93,650	90,350
o 1.5-2 Year Diploma Applied Arts & Crafts	100,250	95,300	92,000
o 1.5-2 Year Diploma HMCT	98,750	93,775	90,475

Annexure 01
List of Representatives who participated in the discussions with the Committee

	Dept of Tech Education, West Bengal
	Karnataka Unaided Private Engineering Colleges Association
	Karnataka Private Post graduate Colleges' Association
	Kerala self-financing engineering college management' association, Kochi
	Association of the Managements of Un-aided engineering colleges (Maharashtra)
	Association of self financed colleges, Gujarat state
	Fee Regulatory Committee (Technical), Gujarat
	Federation of self-financed technical institutes of Gujarat
	Association of Management of MBA/MCA Institutes
	Vidyalankar Dnyanpeeth Trust
	Management Association of MCA Institutes
	Association of Private unaided Pharmacy colleges
	Association of self-financing arts, science & management colleges
	Association of Management of Coimbatore Anna University affiliated colleges
	Consortium of Self-financing Professional, Arts and Science Colleges in Tamilnadu
	Pondicherry Linguistic Minority Engineering Colleges Welfare Association
	AP Private Engineering Colleges Management Association
	Rayalseema Private Engineering& Pharmacy Colleges Association
	Telngana Engineering & Professional Colleges Management Association
	The Association of Christian Professional Colleges
	Engineering Colleges Management Association
	Association of management of private colleges, Coimbatore
	Karnataka Religious & linguistic minority Professional Colleges Association
	Association of Professional Academic Institutes, West Bengal
	Jharkhand Diploma Association
	North East Forum for Technical Education
	Tirunelveli Anna University of Tech self-financing engineering colleges management Association
	Association of Madurai Anna University Affiliated colleges
	Pondicherry Linguistic Minority Engineering College Welfare Association
	Odisha Technical colleges Association
	Odisha Private engineering schools Association
	Odisha Private Engineering Schools' Association
	Dr B R Ambedkar Institute of Technology
	APAI

Annexure 02
Summary of views expressed by the representatives during the meetings

Period of fee structure
■ Fee structure should be revised every two years
■ Fees paid in the first year should remain same for the student for entire duration of the study
Expenditure to be considered
■ Salary of non-teaching staff should be considered as 20-25% of salary of teaching staff.
■ All actual expenditure should be considered without any capping to any expenditure head.
■ Institute should submit expenditure statement and audited balance sheets as submitted to Income Tax Dept. to Fees committee. e.g. for calculation of fees for 13-14 to 15-16, audited balance sheet of 12-13 and projected balance sheets of 13-14 to 15-16 should be submitted.
■ Projected figures should be based on maximum increase of 15% per year except for salaries.
■ Salaries should be calculated based on Central DA and HRA.
■ Expenses towards property tax, depreciation, loan repayment and repair & maintenance, and legal charges should be considered as shown in balance sheet / as per Income tax act.
■ Provide for surplus of 15%
■ Payment to visiting and contractual faculty should be considered.
■ Sufficient scope should be provided to recover capital expenditure including cost of finance for land & buildings
■ Depreciation shall be charges as:
■ Buildings 15%, Furniture & equipment 15%, computers 33%, Books 33%, vehicles & others 15%
■ Building usage charges in the range of per student pa should be considered.
■ An annual increase of 15% for salary expenditure and of 10% for non-salary expenditure should be considered.
■ As per norms, Recurring and non-recurring expenses for Diploma Engineering are 75% of the degree engineering
■ Development fee should be in line with development plan but limited to 15% of tuition fees.
■ For programs like MCA, where industry interaction is Must, remuneration to of visiting faculty from Industry should be considered. Appointment of two such exerts can be considered as one full time position.
■ Non salary revenue expenditure should not exceed 45% of salary expenditure.
■ Student project expenses should be considered.
■ One-time expenses (like recruitment, set up , inauguration functions etc) should be amortized over subsequent three years
No of students as divisor
■ Divisor should be taken as minimum of sanctioned intake and students on roll.
■ For less admissions add for more fees:
■ Up to 80% admissions, add 5% of total fees
■ Up to 60% admissions, add 15% of total fees

▪ Up to 40% admissions, add 20% of total fees	
Incentives	
▪ Add for accreditation @ Rs 5 to 10000 per student p.a.	
▪ Provide incentive for faculty training, publication, placement, accreditation, performance in competitions and examinations	
▪ Maximum incentives should be limited to 10-15% of tuition fees.	
▪ Provide incentive for innovation / patent etc.	
▪ Actual Institute visit should be done on random basis.	
Differential fees structure	
▪ There should not be rigid fee structure for all Institutes. It should be flexible taking into account actual expenditure. However similarly placed Institutes can be classified into broad groups.	
▪ There can be different fee structures for different disciplines (ship building technology, naval architecture, marine engineering etc.) as facilities required differ.	
▪ Differential fees structure in the same Institute should be avoided.	
Approvals and Norms	
▪ As student strength is flexible, faculty ratio along with cadre ratio should be flexible.	
▪ Annual renewal and affiliation charges should be reduced	
Optional fees	
▪ All optional fees should be as per market conditions.	
Timing of determination and declaration of fees	
▪ Fees should be determined at least six months before the start of academic year.	
▪ In case fees cannot be determined before start of AY, an interim fee structure with 10% increase over previous year should be approved.	
Fees committee	
▪ Representation should be given to Associations of private institutes.	
▪ There should be single authority for fee determination.	
▪ If both state and central level committees are present, role of both should be clear, central committee being only advisory.	
▪ Object should be to arrive at uniform method of calculating cost of education rather than uniform fee structure.	
General	
▪ Norms for various programmes as defined by AICTE and other relevant Councils (Architecture, Pharmacy) should be same.	
▪ Universities may subscribe for on line journals on behalf of all affiliated institutes for sharing cost of subscription.	
▪ There should be clarity in fee refund rules for admission cancellations and drop outs.	
▪ If student takes more years to complete the program than normal program duration, student should be charged fees as a freshly admitted student.	
▪ Location of Institute should be taken into consideration for rationalization of fees.	

Annexure 03
Present (AY 2013-14) Fee Structure

Odisha	Diploma Engineering	26500 pa (since 2010)
Odisha	Degree Engineering	60000 pa (average)
West Bengal	Degree Engineering	75000 pa (Max) (No Development fee) 5000 in FY Admn. fee 4000 book bank fee 1000 pa sports fee
Karnataka	Degree Engineering	18090 pa (Govt/Aided) 38500 pa (45% seats unaided / minority) 137500 pa (30% seats CO- MEDK seats) $5000 pa (NRI/Others)
Karnataka	Diploma Engineering	2300 pa (Govt) 4400 pa (Aided) 9450 pa (unaided-state stu- dents) 15500 pa (unaided non state students)
Kerala	Degree Engineering	50000 pa (25% seats) 75000 pa (25% seats) 75-99000 pa (35% Mgmt seats) 175000 pa (15% NRI) +150000 FD (from Mgmt& NRI)
Kerala	PG in Engineering	75000 pa
Kerala	MCA	25000 pa
Kerala	MBA	100000 pa
Gujarat	Degree Engineering	41000 - 145000 pa
Gujarat	Diploma Engineering	25000 – 45000 pa
Gujarat	Degree pharmacy	45000 – 140000 pa
Gujarat	Diploma pharmacy	31000 - 350000 pa
Gujarat	Degree architecture	53000 – 73000 pa
Gujarat	Master of Engineering	50000 - 120000 pa
Gujarat	Master of Pharmacy	90000 – 200000 pa
Gujarat	MBA	41000 – 206000 pa
Gujarat	MCA	41000 – 121000 pa
Gujarat	Hotel & Tourism mgmt.	55000 pa
Maharashtra	Master of Pharmacy	60000-175000 pa
Maharashtra	Bachelor of Pharmacy	26700 – 115000 pa
Maharashtra	Diploma in Pharmacy	32000 – 80000 pa

Annexure 04
Sample Fee Structures Proposed by Representatives of various Organizations

	1. Management Association of MCA Institutes (3 year MCA)		
	Sanctioned intake		180
1	Salary	Faculty	8110980
2	Salary Non teaching	20% of faculty salary	1623996
3	Non salary revenue expenditure (rent, loan, library, approvals, stationary etc)	Not exceeding 45% of salary	4384789
4	Usage charges for building	@3000 per student	540000
5	Depreciation on other buildings	10% of total expdt.	1412877
6	Total expenditure		16081642
	Tuition fee per student		89342
	Development fee	15%	13401
	Credit for accreditation	5%	4467
	Credit for international prize	2%	1786
	Total fee per student		108998

	2. Association of Unaided Private Pharmacy Colleges (4 year B Pharmacy)		
	Sanctioned intake		240
1	Salary	Faculty	13824000
2	Salary Non teaching		6000000
3	Contingent expenditure	Rs 10000 per student	2400000
4	Library expenditure	Rs 2000 per student	480000
5	Non recurring expenditure	Rs 5000 per student	1200000
6	Other expenses	Rs 1000 per student	240000
7	Building rent	Rs 3000 per student	720000
8	Total expenditure		24864000
	Tuition fee per student		103600

	3. Association of Unaided Private Pharmacy Colleges (2 year Diploma Pharmacy)		
	Sanctioned intake		120
1	Salary	Faculty	13824000
2	Salary Non teaching		3000000
3	Contingent expenditure	Rs 10000 per student	600000
4	Library expenditure	Rs 2000 per student	240000
5	Non recurring expenditure	Rs 2000 per student	240000
6	Other expenses	Rs 1000 per student	120000
7	Building rent	Rs 3000 per student	360000
8	Total expenditure		9480000
	Tuition fee per student		79000

4. Consortium of Self-financing Colleges in Tamilnadu (2 yr MBA/MCA)

		Sanctioned intake		150
1	Salary teaching			13371636
2	Salary Non teaching			9290232
3				
4	Library expenditure			
5				576000
6	Other expenses			
7				4490145
8	Total expenditure			
				27728014
		Tuition fee per student		92426

5. Asso of self-financing colleges of Anna University (Engineering 7UG+ 7PG)

		Sanctioned intake		750
1	Salary teaching			183886800
2	Salary Non teaching			36825000
3	Approvals and affiliation			1525000
4	Library expenditure			3900000
5	Research & Laboratory			10600000
6	Other expenses			66296000
7				
8	Total expenditure			301933000
		Tuition fee per student		120773

6. Engineering Colleges Management Association – Telungana (MBA)

		Sanctioned intake	All expenses per student	
1	Non recurring expenditure		Spread over 20 years	20020
2	Salaries			80000
3	Library			1850
4	Utilities			7710
5	Staff development			3720
6	M & R			3720
7	Recruitment			2160
8	Approvals & affiliation			3775
9	Instructional resource centre			1560
10	III			600
11	Other expenses			13125
		Tuition fee per student		138240

Appendix 01

Working sheets for Computation of 'maximum' fees for Full time Programs

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Table 01: Computed 'maximum' fees for all Full time Degree programs

	Type X cities	Type Y cities	Type Z cities
Undergraduate Degree programs			
o 4 Year Engineering Degree (BE/B.Tech)	158,317	150,473	144,882
o 5 year Architectural Degree (B.Arch)	225,283	213,469	205,034
o 4 Year Town Planning	225,582	213,768	205,333
o 5 Year Applied Arts & Crafts	225,582	213,768	205,333
o 4 Year Pharmaceutical degree (BPharma)	155,125	147,250	141,628
o 4 Year Degree in Hotel Management & Catering Technology (HMCT)	155,125	147,250	141,628
Post graduate degree programs			
o 2 Year Engineering Degree (ME/M.Tech)	251,361	239,953	231,361
o 2 year Architectural Degree (M.Arch)	269,714	256,107	245,877
o 2 Year Town Planning	269,714	256,107	245,877
o 2 Year Applied Arts & Crafts	269,714	256,107	245,877
o 2 Year Pharmaceutical degree (M.Pharm)	227,519	216,111	207,518
o 2 Year Degree in Hotel Management & Catering Technology (HMCT)	227,519	216,111	207,518
o 3 Year MCA	171,137	163,261	157,638
o 2 Year MBA	171,286	163,410	157,787

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Table 02: Computed 'maximum' fees for all Full time Diploma programs

	Type X cities	Type Y cities	Type Z cities
Diploma programs			
o 3/4 year Engineering Diploma	97,357	92,377	89,086
o 3/4 Year Diploma Architecture	97,902	92,922	89,632
o 3/4 Year Diploma Town Planning	97,902	92,922	89,632
o 3/4 Year Applied Arts & Crafts	99,491	94,511	91,221
o 3/4 Year Diploma HMCT	97,973	92,993	89,703
o 3/4 Year Diploma Pharmacy	97,973	92,993	89,703
Post Diploma programs			
o 1.5-2year Engineering Diploma	97,819	92,839	89,548
o 1.5-2 Year Diploma Architecture	98,637	93,658	90,367
o 1.5-2 Year Diploma Pharmacy	98,637	93,658	90,367
o 1.5-2 Year Applied Arts & Crafts	100,262	95,282	91,991
o 1.5-2 Year Diploma HMCT	98,744	93,764	90,473

Table 03: Per student per annum Operational costs (Assumed)

Infrastructure Operational costs

	Rupees Per student	Total 300 Intake 4 yr	Total 180 Intake 3 yr	Total 144 Intake 2 yr	Total 300 Intake 2 yr	Total 180 Intake 2 yr
o Electricity	1750	2100000	945000	504000	1050000	630000
o Water	125	150000	67500	36000	75000	45000
o Postage	10	12000	5400	2880	6000	3600
o Telecom	125	150000	67500	36000	75000	45000
o Travel / conveyance / vehicle	50	60000	27000	14400	30000	18000
o Photocopying	10	12000	5400	2880	6000	3600
o Documentation	50	60000	27000	14400	30000	18000
o Advertisement and publicity	125	150000	67500	36000	75000	45000
o Printing & stationery	200	240000	108000	57600	120000	72000
o Public relations	50	60000	27000	14400	30000	18000
o Audit and accounting fees	100	120000	54000	28800	60000	36000
o Taxes	120	144000	64800	34560	72000	43200
o Hospitality	45	54000	24300	12960	27000	16200
o Insurance (240 for 4 yrs, 180 for 3 yrs, 120 for 2 yrs)	240	288000	97200	34560	72000	43200
	3,000	3,600,000	1,587,600	829,440	1,728,000	1,036,800

Table 04: Per student per annum Miscellaneous costs (Assumed)

Miscellaneous costs	Rupees Per student	Total 300 Intake 4 yr	Total 180 Intake 3 yr	Total 144 Intake 2 yr	Total 300 Intake 2 yr	Total 180 Intake 2 yr
o Student activities (Social, Gymkhana, Sports etc.)	200	240000	108000	57600	120000	72000
o Identity card and other Certificates	75	90000	40500	21600	45000	27000
Sub-Total	275	330000	148500	79200	165000	99000
o Recruitment expenses	100	120000	54000	28800	60000	36000
o Laboratory Consumables	350	420000	189000	100800	210000	126000
o Affiliation / Equivalence / Approvals and Visits there for	100	120000	54000	28800	60000	36000
Sub-Total	550		297000		330000	
o Repairs and Maintenance	2500	3000000	1350000	720000	1500000	900000
Sub-Total	2500		1350000		1500000	
Total	3325	4320000	1795500	1036800	1995000	1296000

Table 05: Average Salary computations for Faculty (as per VI pay Commission recommendations)

Note:
Per month salary is considered as Average salary p.m. worked out on the basis of average of salary at Minimum of Scale and at Maximum of scale.
Actual salaries may vary from State to state.

Faculty Salary Structure	Scale of pay	Basic	GP	DA 107%	TRA Type X	TRA Other	HRA Type X	HRA Type Y	HRA Type Z
Professor	37400-67000 GP 10000	67000 / 37400	10000 / 10000	82390 / 50718	3424 / 3424	1712 / 1712	23100 / 14220	15400 / 9480	7700 / 4740
Associate Professor	37400-67000 GP 9000	67000 / 37400	9000 / 9000	81320 / 49648	3424 / 3424	1712 / 1712	22800 / 13920	15200 / 9280	7600 / 4640
Assistant Professor	15600-39100 GP 6000	39100 / 15600	6000 / 6000	48257 / 23112	3424 / 3424	1712 / 1712	13530 / 6480	9020 / 4320	4510 / 2160

Faculty / Staff Salary Structure	Total Type X	Type X p.m.	Type X p.a.	Total Type Y	Type Y p.m.	Type Y p.a.	Total Type Z	Type Z p.m.	Type Z p.a.
Professor	185914 / 115762	150838	1810056	176502 / 109310	142906	1714872	168802 / 104570	136686	1640232
Associate Professor	183544 / 113392	148468	1781616	174232 / 107040	140636	1687632	166632 / 102400	134516	1614192
Assistant Professor	110311 / 54616	82464	989562	104089 / 50744	77417	928998	99579 / 48584	74081.5	888978

Table 05: Average Salary computations for Faculty (as per VI pay Commission recommendations)

Note:

Per month salary is considered as Average salary p.m. worked out on the basis of average of salary at Minimum of Scale and at Maximum of scale.

Actual salaries may vary from State to state.

Faculty Salary Structure	Scale of pay	Basic	GP	DA 107%	TRA Type X	TRA Other	HRA Type X	HRA Type Y	HRA Type Z
Professor	37400-67000 GP 10000	67000	10000	82390	3424	1712	23100	15400	7700
		37400	10000	50718	3424	1712	14220	9480	4740
Associate Professor	37400-67000 GP 9000	67000	9000	81320	3424	1712	22800	15200	7600
		37400	9000	49648	3424	1712	13920	9280	4640
Assistant Professor	15600-39100 GP 6000	39100	6000	48257	3424	1712	13530	9020	4510
		15600	6000	23112	3424	1712	6480	4320	2160

Faculty / Staff Salary Structure	Total Type X	Type X p.m.	Type X p.a.	Total Type Y	Type Y p.m.	Type Y p.a.	Total Type Z	Type Z p.m.	Type Z p.a.
Professor	185914			176502			168802		
	115762	150838	1810056	109310	142906	1714872	104570	136686	1640232
Associate Professor	183544			174232			166632		
	113392	148468	1781616	107040	140636	1687632	102400	134516	1614192
Assistant Professor	110311			104089			99579		
	54616	82464	989562	50744	77417	928998	48584	74081.5	888978

Table 06	Computation of fees for 4 Year Full time Engineering Degree Program				
Norms & Guidelines			4 yr Engineering Degree Type X Cities	4 yr Engineering Degree Type Y Cities	4 yr Engineering Degree Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	5	5	5
Program duration	D	Years	4	4	4
Total Intake	SI	No	300	300	300
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	15	15	15
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		2	2	2
	AP		6	6	6
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
Total No of faculty as per AICTE norms	TF	No	80	80	80
No of Professors	Np	No	8	8	8
No of Associate Professors	Nr	No	18	18	18
No of Assistant Professors	Na	No	54	54	54
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		999,85,884	942,62,244	901,82,124
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		99,98,588	94,26,224	90,18,212
Salary of non-teaching staff	Sn		299,95,765	282,78,673	270,54,637
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		29,99,577	28,27,867	27,05,464

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Norms & Guidelines			4 yr Engineering Degree Type X Cities	4 yr Engineering Degree Type Y Cities	4 yr Engineering Degree Type Z Cities
3. Learning Resources					
No of technical books required as per Norms	Nt	per course	500	500	500
Average cost of technical book	Cb	Rs	750	750	750
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers					
No of terminals required as per Norms	Nc	1:X	4	4	4
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	2	2	2
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	100000	100000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs					
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous					
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
7. Development Fees		as % of tuition fees	15	15	15

Norms & Guidelines		4 yr Engineering Degree Type X Cities	4 yr Engineering Degree Type Y Cities	4 yr Engineering Degree Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	1433,09,814	1351,25,009	1292,90,437
Salary for faculty (St+So)	SF	1099,84,472	1036,88,468	992,00,336
Salary for Non teaching staff (Sn+Si)	SN	329,95,342	311,06,541	297,60,101
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	2,00,000	2,00,000	2,00,000
Fund for research	FR	1,00,000	1,00,000	1,00,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	5,75,625	5,75,625	5,75,625
Cost of books	LB	375000	375000	375000
Cost of Journals	LJ	93,750	93,750	93,750
Cost of e-resources	LE	93,750	93,750	93,750
Cost of Newspaper & magazines	LM	3,750	3,750	3,750
Cost of Library Hardware & software	LS	9,375	9,375	9,375
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	137,25,000	137,25,000	137,25,000
Cost of terminals including operating system	CT	105,00,000	105,00,000	105,00,000
Cost of servers	CS	1,50,000	1,50,000	1,50,000
Cost of printers	CP	3,00,000	3,00,000	3,00,000
Other software (preferred open source software)	CW	5,00,000	5,00,000	5,00,000
Peripherals, Networking, Add-ons	CP	21,90,000	21,90,000	21,90,000
Internet and campus information	CI	60,000	60,000	60,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	36,00,000	36,00,000	36,00,000
	CO	36,00,000	36,00,000	36,00,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	39,90,000	39,90,000	39,90,000
Student activities	MS	3,30,000	3,30,000	3,30,000
Affiliation, registration, evaluation etc., Laboratory consumables	ML	6,60,000	6,60,000	6,60,000
Repairs & maintenance	MA	30,00,000	30,00,000	30,00,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF Rs	1652,00,439	1570,15,634	1511,81,062
Tuition Fees TF Rs per student TTF / (SI*D)	Fees	1,37,667	1,30,846	1,25,984
Development fees DF Rs per student (0.15*TF)	fees	20,650	19,627	18,898
Total tuition and development fees Rs per student		1,58,317	1,50,473	1,44,882

Table 07   Computation of fees for 5 Year Full time Architectural Degree Program

Norms & Guidelines			5 yr Architecture Degree Type X Cities	5 yr Architecture Degree Type Y Cities	5 yr Architecture Degree Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	3	3	3
Program duration	D	Years	5	5	5
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	10	10	10
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		2	2	2
	AP		6	6	6
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3,000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	10000	10000	10000
Total No of faculty as per AICTE norms	TF	No	90	90	90
No of Professors	Np	No	10	10	10
No of Associate Professors	Nr	No	20	20	20
No of Assistant Professors	Na	No	60	60	60
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		1131,06,600	1066,41,240	1020,24,840
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		113,10,660	106,64,124	102,02,484
Salary of non-teaching staff	Sn		339,31,980	319,92,372	306,07,452
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		33,93,198	31,99,237	30,60,745
3. Learning Resources					
No of technical books required as per Norms	Nt	per course	400	400	400
Average cost of technical book	Cb	Rs	750	750	750
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10

Norms & Guidelines			5 yr Architecture Degree Type X Cities	5 yr Architecture Degree Type Y Cities	5 yr Architecture Degree Type Z Cities
4. Computers					
No of terminals required as per Norms	Nc	1:X	5	5	5
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	100000	100000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs					
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous					
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet	Formula	Code	Unit	5 yr Architecture Degree Type X Cities	5 yr Architecture Degree Type Y Cities	5 yr Architecture Degree Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)		CHR		1620,27,438	1527,81,973	1461,80,521
Salary for faculty (St+So)		SF		1244,17,260	1173,05,364	1122,27,324
Salary for Non teaching staff (Sn+Si)		SN		373,25,178	351,91,609	336,68,197
Remuneration for Industry Interaction		SV		30,000	30,000	30,000
Fund for Faculty development		FD		2,25,000	2,25,000	2,25,000
Fund for research		FR		30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)		CLR		4,60,500	4,60,500	4,60,500
Cost of books		LB		300000	300000	300000
Cost of Journals		LJ		75,000	75,000	75,000
Cost of e-resources		LE		75,000	75,000	75,000
Cost of Newspaper & magazines		LM		3,000	3,000	3,000
Cost of Library Hardware & software		LS		7,500	7,500	7,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)		CCS		81,28,000	81,28,000	81,28,000
Cost of terminals including operating system		CT		63,00,000	63,00,000	63,00,000
Cost of servers		CS		75,000	75,000	75,000
Cost of printers		CP		90,000	90,000	90,000
Other software (preferred open source software)		CW		3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons		CP		12,93,000	12,93,000	12,93,000
Internet and campus information		CI		45,000	45,000	45,000
Institute website development & maintenance		CW		25,000	25,000	25,000
4. Infrastructure Operational costs		CIO		27,00,000	27,00,000	27,00,000
		CO		27,00,000	27,00,000	27,00,000
5. Miscellaneous Costs (MS+ML+MA)		CMS		29,92,500	29,92,500	29,92,500
Student activities		MS		2,47,500	2,47,500	2,47,500
Affiliation, registration, evaluation etc., Laboratory consumables		ML		4,95,000	4,95,000	4,95,000
Repairs & maintenance		MA		22,50,000	22,50,000	22,50,000
6. Total costs TTF = (CHR + CLR + CCS + CIO + CMS)		TTF	Rs	1763,08,438	1670,62,973	1604,61,521
Tuition Fees	TTF /(SI*D)	TF	Rs per student	1,95,898	1,85,626	1,78,291
Development fees	(0.15*TF)	DF	Rs per student	29,385	27,844	26,744
Total tuition and development fees			Rs per student	2,25,283	2,13,469	2,05,034

Table 08 — Computation of fees for 4 Year Full time Town planning Degree Program			4 yr Town Planning Degree Type X Cities	4 yr Town Planning Degree Type Y Cities	4 yr Town Planning Degree Type Z Cities
Norms & Guidelines					
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	3	3	3
Program duration	D	Years	4	4	4
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SFR	X:1	10	10	10
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	883978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	30	30	30
Salary of non-teaching staff	Sn	percent of faculty salary	10	10	10
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		1	1	1
Cadre ratio	P		2	2	2
	AP		6	6	6
	AP		10	10	10
Industry Institute Interaction sessions	In	per course per year	3,000	3,000	3,000
Expenses per session of Industry Institute Interaction	Sv	Rs	10000	10000	10000
Faculty development	Fd	per person pa for 25% of faculty	30	30	30
Staff development	Sd	% provision for faculty	10000	10000	10000
Project fund	Fr	per course			
Total No of faculty as per AICTE norms	TF	No	72	72	72
No of Professors	Np	No	8	8	8
No of Associate Professors	Nr	No	16	16	16
No of Assistant Professors	Na	No	48	48	48
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		904,85,280	853,12,992	816,19,872
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		90,48,528	85,31,299	81,61,987
Salary of non-teaching staff	Sn		271,45,584	255,93,898	244,85,962
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		27,14,558	25,59,390	24,48,596
3. Learning Resources					
No of technical books required as per Norms	Nt	per course	400	400	400
Average cost of technical book	Cb	Rs	750	750	750
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10

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Norms & Guidelines			4 yr Town Planning Degree Type X Cities	4 yr Town Planning Degree Type Y Cities	4 yr Town Planning Degree Type Z Cities
4. Computers					
No of terminals required as per Norms	Nc	1:X	5	5	5
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	1,00,000	1,00,000
Peripherals, Networking. Add-ons	Pn	% of cost of termi-nals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
5. Infrastructure operational costs					
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous					
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
7. Development Fees		as % of tuition fees	15	15	15

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Cost estimation worksheet		4 yr Town Planning Degree Type X Cities	4 yr Town Planning Degree Type Y Cities	4 yr Town Planning Degree Type Z Cities
	CHR	1296,33,950	1222,37,579	1169,56,417
1. Cost of Human resources (SF+SN+SV+FD+FR)	SF	995,33,808	938,44,291	897,81,859
Salary for faculty (St+So)	SN	298,60,142	281,53,287	269,34,558
Salary for Non teaching staff (Sn+Si)	SV	30,000	30,000	30,000
Remuneration for Industry Interaction	FD	1,80,000	1,80,000	1,80,000
Fund for Faculty development	FR	30,000	30,000	30,000
Fund for research		4,60,500	4,60,500	4,60,500
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	300000	300000	300000
Cost of books	LB	75,000	75,000	75,000
Cost of Journals	LJ	75,000	75,000	75,000
Cost of e-resources	LE	3,000	3,000	3,000
Cost of Newspaper & magazines	LM	7,500	7,500	7,500
Cost of Library Hardware & software	LS	65,85,400	65,85,400	65,85,400
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	50,40,000	50,40,000	50,40,000
Cost of terminals including operating system	CT	75,000	75,000	75,000
Cost of servers	CS	72,000	72,000	72,000
Cost of printers	CP	3,00,000	3,00,000	3,00,000
Other software (preferred open source software)	CW	10,37,400	10,37,400	10,37,400
Peripherals, Networking, Add-ons	CP	36,000	36,000	36,000
Internet and campus information	CI	25,000	25,000	25,000
Institute website development & maintenance	CW	21,60,000	21,60,000	21,60,000
4. Infrastructure Operational costs	CIO	21,60,000	21,60,000	21,60,000
	CO	23,94,000	23,94,000	23,94,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	1,98,000	1,98,000	1,98,000
Student activities	MS	3,96,000	3,96,000	3,96,000
Affiliation, registration, evaluation etc.. Laboratory consumables	ML	18,00,000	18,00,000	18,00,000
Repairs & maintenance	MA			
6. Total costs	TTF	Rs	1412,33,850	1338,37,479	1285,56,317
TTF = (CHR + CLR + CCS + CIO + CMS)	Fees	TF	Rs per student	1,96,158	1,85,885	1,78,550
Tuition			29,424	27,883	26,783
TTF / (SI*D)	fees	DF	Rs per student	2,25,582	2,13,768	2,05,333
Development (0.15*TF)			Rs per student			
Total tuition and development fees					

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Report of National Fees Committee appointed vide F No 3-16/PC/Fee Com./2014(1)/591 dated 13.05.2014

Table 09 — Computation of fees for 5 Year Full time Applied Arts & Crafts Degree Program

Norms & Guidelines			5 yr Applied Art Type X Cities	5 yr Applied Art Type Y Cities	5 yr Applied Art Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	3	3	3
Program duration	D	Years	5	5	5
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SFR	X:1	10	10	10
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		2	2	2
	AP		6	6	6
			10	10	10
Industry Institute Interaction sessions	In	per course per year	3,000	3,000	3,000
Expenses per session of Industry Institute Interaction	Sv	Rs	10000	10,000	10,000
Faculty development	Fd	per person pa for 25% of faculty	30	30	30
Staff development	Sd	% provision for faculty	10000	10,000	10,000
Project fund	Fr	per course	90	90	90
Total No of faculty as per AICTE norms	TF	No	10	10	10
No of Professors	Np	No	20	20	20
No of Associate Professors	Nr	No	60	60	60
No of Assistant Professors	Na	No			
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		1131,06,600	1066,41,240	1020,24,840
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		113,10,660	106,64,124	102,02,484
Salary of non-teaching staff	Sn		339,31,980	319,92,372	306,07,452
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		33,93,198	31,99,237	30,60,745
3. Learning Resources			-	-	-
No of technical books required as per Norms	Nt	per course	500	500	500
Average cost of technical book	Cb	Rs	750	750	750
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10

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Norms & Guidelines			5 yr Applied Art Type X Cities	5 yr Applied Art Type Y Cities	5 yr Applied Art Type Z Cities
4. Computers				-	-
No of terminals required as per Norms	Nc	1:X	5	5	5
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	1,00,000	1,00,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
				-	-
5. Infrastructure operational costs					
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
				-	-
6. Miscellaneous					-
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
				-	-
7. Development Fees		as % of tuition fees	15	15	15
					-

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Cost estimation worksheet				5 yr Applied Art Type X Cities	5 yr Applied Art Type Y Cities	5 yr Applied Art Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR			1620,27,438	1527,81,973	1461,80,521
Salary for faculty (St+So)	SF			1244,17,260	1173,05,364	1122,27,324
Salary for Non teaching staff (Sn+Si)	SN			373,25,178	351,91,609	336,68,197
Remuneration for Industry Interaction	SV			30,000	30,000	30,000
Fund for Faculty development	FD			2,25,000	2,25,000	2,25,000
Fund for research	FR			30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR			5,75,625	5,75,625	5,75,625
Cost of books	LB			375000	375000	375000
Cost of Journals	LJ			93,750	93,750	93,750
Cost of e-resources	LE			93,750	93,750	93,750
Cost of Newspaper & magazines	LM			3,750	3,750	3,750
Cost of Library Hardware & software	LS			9,375	9,375	9,375
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS			81,28,000	81,28,000	81,28,000
Cost of terminals including operating system	CT			63,00,000	63,00,000	63,00,000
Cost of servers	CS			75,000	75,000	75,000
Cost of printers	CP			90,000	90,000	90,000
Other software (preferred open source software)	CW			3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP			12,93,000	12,93,000	12,93,000
Internet and campus information	CI			45,000	45,000	45,000
Institute website development & maintenance	CW			25,000	25,000	25,000
4. Infrastructure Operational costs	CIO			27,00,000	27,00,000	27,00,000
	CO			27,00,000	27,00,000	27,00,000
5. Miscellaneous Costs (MS+ML+MA)	CMS			29,92,500	29,92,500	29,92,500
Student activities	MS			2,47,500	2,47,500	2,47,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML			4,95,000	4,95,000	4,95,000
Repairs & maintenance	MA			22,50,000	22,50,000	22,50,000
6. Total costs				1764,23,563	1671,78,098	1605,76,646
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF		Rs	1,96,026	1,85,753	1,78,418
Tuition Fees	TF	TTF /(SI*D)	Rs per student	29,404	27,863	26,763
Development fees	DF	(0.15*TF)	Rs per student	2,25,430	2,13,616	2,05,181
Total tuition and development fees			Rs per student			

Table 10   Computation of fees for 4 Year Full time Pharmaceutical Degree Program

Norms & Guidelines			4 yr Pharmacy Degree Type X Cities	4 yr Pharmacy Degree Type Y Cities	4 yr Pharmacy Degree Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	3	3	3
Program duration	D	Years	4	4	4
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF / R	X:1	15	15	15
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		2	2	2
	AP		6	6	6
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3,000	3,000	3,000
Faculty development	Fd	per person pa for 25% of faculty	10000	10,000	10,000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	10000	10,000	10,000
Total No of faculty as per AICTE norms	TF	No	48	48	48
No of Professors	Np	No	5	5	5
No of Associate Professors	Nr	No	11	11	11
No of Assistant Professors	Na	No	32	32	32
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		603,14,040	568,66,248	544,04,568
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		60,31,404	56,86,625	54,40,457
Salary of non-teaching staff	Sn		180,94,212	170,59,874	163,21,370
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		18,09,421	17,05,987	16,32,137

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Norms & Guidelines			4 yr Pharmacy Degree Type X Cities	4 yr Pharmacy Degree Type Y Cities	4 yr Pharmacy Degree Type Z Cities
3. Learning Resources			-	-	-
No of technical books required as per Norms	Nt	per course	500	500	500
Average cost of technical book	Cb	Rs	750	750	750
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
					-
4. Computers	Nc	1:X	6	6	6
No of terminals required as per Norms	Cp	Rs	35,000	35,000	35,000
Average cost of PC inclusive of Operating software	Ns	No per course	1	1	1
No of servers	Sc	Rs	75,000	75,000	75,000
Average cost of each server	Np	No per 100 terminals	5	5	5
No of printers	Cp	Rs	10,000	10,000	10,000
Average cost of each printer	CS	Rs per course over course duration	1,00,000	1,00,000	1,00,000
Average Cost of Other software (preferred open source software)	Pn	% of cost of terminals+servers	20	20	20
Peripherals, Networking, Add-ons	Ci	Rs per user pm	50	50	50
Internet and campus information	Wd	Rs lumpsum	25,000	25,000	25,000
Institute website development & maintenance					-
5. Infrastructure operational costs			-	-	-
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
					-
6. Miscellaneous					-
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
			-	-	-
7. Development Fees		as % of tuition fees	15	15	15
					-

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Cost estimation worksheet		4 yr Pharmacy Degree Type X Cities	4 yr Pharmacy Degree Type Y Cities	4 yr Pharmacy Degree Type Z Cities
	CHR	864,29,077	814,98,735	779,78,532
1. Cost of Human resources (SF+SN+SV+FD+FR)				
Salary for faculty (St+So)	SF	663,45,444	625,52,873	598,45,025
Salary for Non teaching staff (Sn+Si)	SN	199,03,633	187,65,862	179,53,507
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	1,20,000	1,20,000	1,20,000
Fund for research	FR	30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	5,75,625	5,75,625	5,75,625
Cost of books	LB	375000	375000	375000
Cost of Journals	LJ	93,750	93,750	93,750
Cost of e-resources	LE	93,750	93,750	93,750
Cost of Newspaper & magazines	LM	3,750	3,750	3,750
Cost of Library Hardware & software	LS	9,375	9,375	9,375
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	55,63,000	55,63,000	55,63,000
Cost of terminals including operating system	CT	42,00,000	42,00,000	42,00,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	60,000	60,000	60,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	8,67,000	8,67,000	8,67,000
Internet and campus information	CI	36,000	36,000	36,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	21,60,000	21,60,000	21,60,000
	CO	21,60,000	21,60,000	21,60,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	23,94,000	23,94,000	23,94,000
Student activities	MS	1,98,000	1,98,000	1,98,000
Affiliation, registration, evaluation etc., Laboratory consumables	ML	3,96,000	3,96,000	3,96,000
Repairs & maintenance	MA	18,00,000	18,00,000	18,00,000
6. Total costs		Rs	971,21,702	921,91,360	886,71,157
$TTF = (CHR + CLR + CCS + CIO + CMS)$	TTF $TTF/(SI*D)$	Rs per student	1,34,891	1,28,044	1,23,154
Tuition Fees	TF $(0.15*TF)$	Rs per student	20,234	19,207	18,473
Development fees	DF	Rs per student	1,55,125	1,47,250	1,41,628
Total tuition and development fees				

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Report of National Fees Committee appointed vide F No 3-16/PC/Fee Com./2014(1)/591 dated 13.05.2014

Table 11   Computation of fees for 4 Year Full time HMCT Degree Program

Norms & Guidelines			4 yr HMCT Degree Type X Cities	4 yr HMCT Degree Type Y Cities	4 yr HMCT Degree Type Z Cities
1. Program details					
Program	P	No	1	1	1
Program	C	No	3	3	3
Courses / Divisions	D	Years	4	4	4
Program duration	SI	No	180	180	180
Total Intake					
2. Human resources					
Student faculty ratio as per AICTE norms	SFR	X:1	15	15	15
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		2	2	2
	AP		6	6	6
					0
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3,000	3,000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10,000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	10000	10,000	10000
Total No of faculty as per AICTE norms	TF	No	48	48	48
No of Professors	Np	No	5	5	5
No of Associate Professors	Nr	No	11	11	11
No of Assistant Professors	Na	No	32	32	32
				–	0
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		603,14,040	568,66,248	544,04,568
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		60,31,404	56,86,625	54,40,457
Salary of non-teaching staff	Sn		180,94,212	170,59,874	163,21,370
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		18,09,421	17,05,987	16,32,137

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Norms & Guidelines			4 yr HMCT Degree Type X Cities	4 yr HMCT Degree Type Y Cities	4 yr HMCT Degree Type Z Cities
				-	0
3. Learning Resources					
No of technical books required as per Norms	Nt	per course	500	500	500
Average cost of technical book	Cb	Rs	750	750	750
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
	Ls	as percent of e resources	10	10	10
Hardware and Software				-	0
			6	6	6
4. Computers					
No of terminals required as per Norms	Nc	1:X	35,000	35,000	35000
Average cost of PC inclusive of Operating software	Cp	Rs	1	1	1
No of servers	Ns	No per course	75,000	75,000	75000
Average cost of each server	Sc	Rs	5	5	5
No of printers	Np	No per 100 terminals	10,000	10,000	10000
Average cost of each printer	Cp	Rs	1,00,000	1,00,000	100000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	20	20	20
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	50	50	50
Internet and campus information	Ci	Rs per user pm	25,000	25,000	25000
Institute website development & maintenance	Wd	Rs lumpsum		-	0
	Oc	per student p.a.	3,000	3,000	3,000
5. Infrastructure operational costs				-	0
Operational costs					0
6, Miscellaneous			275	275	275
Student activities	Sa	per student p.a.	550	550	550
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	2,500	2,500	2500
Repairs & Maintenance	Ar	per student p.a.		-	0
				-	0
		as % of tuition fees	15	15	15
7. Development Fees				-	0

Cost estimation worksheet		4 yr HMCT Degree	4 yr HMCT Degree	4 yr HMCT Degree
		Type X Cities	Type Y Cities	Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	864,29,077	814,98,735	779,78,532
Salary for faculty (St+So)	SF	663,45,444	625,52,873	598,45,025
Salary for Non teaching staff (Sn+Si)	SN	199,03,633	187,65,862	179,53,507
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	1,20,000	1,20,000	1,20,000
Fund for research	FR	30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	5,75,625	5,75,625	5,75,625
Cost of books	LB	375000	375000	375000
Cost of Journals	LJ	93,750	93,750	93,750
Cost of e-resources	LE	93,750	93,750	93,750
Cost of Newspaper & magazines	LM	3,750	3,750	3,750
Cost of Library Hardware & software	LS	9,375	9,375	9,375
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	55,63,000	55,63,000	55,63,000
Cost of terminals including operating system	CT	42,00,000	42,00,000	42,00,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	60,000	60,000	60,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking. Add-ons	CP	8,67,000	8,67,000	8,67,000
Internet and campus information	CI	36,000	36,000	36,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	21,60,000	21,60,000	21,60,000
	CO	21,60,000	21,60,000	21,60,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	23,94,000	23,94,000	23,94,000
Student activities	MS	1,98,000	1,98,000	1,98,000
Affiliation, registration, evaluation etc., Laboratory consumables	ML	3,96,000	3,96,000	3,96,000
Repairs & maintenance	MA	18,00,000	18,00,000	18,00,000
6. Total costs		971,21,702	921,91,360	886,71,157
TTF = (CHR + CLR + CCS + CIO + CMS) TTF Rs				
Tuition Fees TTF /(SI*D) TF Rs per student		1,34,891	1,28,044	1,23,154
Development fees (0.15*TF) DF Rs per student		20,234	19,207	18,473
Total tuition and development fees Rs per student		1,55,125	1,47,250	1,41,628

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Table 12   Computation of fees for 2 Year Full time Engineering PG Degree Program

Norms & Guidelines			2 yr Engineering PG Degree Type X Cities	2 yr Engineering PG Degree Type Y Cities	2 yr Engineering PG Degree Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	2	2	2
Total Intake	SI	No	144	144	144
2. Human resources			12	12	12
Student faculty ratio as per AICTE norms	SFR	X:1			
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a:	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		1	1	1
	AP		1	1	1
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	50000	50000	50000
Total No of faculty as per AICTE norms	TF	No	24	24	24
No of Professors	Np	No	8	8	8
No of Associate Professors	Nr	No	8	8	8
No of Assistant Professors	Na	No	8	8	8
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		366,49,872	346,52,016	331,47,216
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		36,64,987	34,65,202	33,14,722
Salary of non-teaching staff	Sn		109,94,962	103,95,605	99,44,165
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10,99,496	10,39,560	9,94,416

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Norms & Guidelines			2 yr Engineering PG Degree Type X Cities	2 yr Engineering PG Degree Type Y Cities	2 yr Engineering PG Degree Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1000	1000
Library Journals	Lj	as percent of cost of books	50	50	50
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
	Ls	as percent of e resources	10	10	10
Hardware and Software				0	0
4. Computers			2	2	2
No of terminals required as per Norms	Nc	1:X	35,000	35000	35000
Average cost of PC inclusive of Operating software	Cp	Rs	1	1	1
No of servers	Ns	No per course	75,000	75000	75000
Average cost of each server	Sc	Rs	10	10	10
No of printers	Np	No per 100 terminals	10,000	10000	10000
Average cost of each printer	Cp	Rs	3,00,000	300000	300000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	20	20	20
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	50	50	50
Internet and campus information	Ci	Rs per user pm	25,000	25000	25000
Institute website development & maintenance	Wd	Rs lumpsum		0	0
5. Infrastructure operational costs			3,000	3,000	3,000
Operational costs	Oc	per student p.a.		0	0
				0	0
6. Miscellaneous			275	275	275
Student activities	Sa	per student p.a.	550	550	550
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	2,500	2500	2500
Repairs & Maintenance	Ar	per student p.a.		0	0
				0	0
6. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet		2 yr Engineering PG Degree Type X Cities	2 yr Engineering PG Degree Type Y Cities	2 yr Engineering PG Degree Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	527,99,317	499,42,383	477,90,519
Salary for faculty (St+So)	SF	403,14,859	381,17,218	364,61,938
Salary for Non teaching staff (Sn+Si)	SN	120,94,458	114,35,165	109,38,581
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	60,000	60,000	60,000
Fund for research	FR	3,00,000	3,00,000	3,00,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,78,500	1,78,500	1,78,500
Cost of books	LB	100000	100000	100000
Cost of Journals	LJ	50,000	50,000	50,000
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
	LS	2,500	2,500	2,500
Cost of Library Hardware & software	CCS	81,50,200	81,50,200	81,50,200
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CT	50,40,000	50,40,000	50,40,000
Cost of terminals including operating system	CS	75,000	75,000	75,000
Cost of servers	CP	1,44,000	1,44,000	1,44,000
Cost of printers	CW	18,00,000	18,00,000	18,00,000
Other software (preferred open source software)	CP	10,51,800	10,51,800	10,51,800
Peripherals, Networking, Add-ons	CI	14,400	14,400	14,400
Internet and campus information	CW	25,000	25,000	25,000
Institute website development & maintenance	CIO	8,64,000	8,64,000	8,64,000
4. Infrastructure Operational costs	CO	8,64,000	8,64,000	8,64,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	9,57,600	9,57,600	9,57,600
Student activities	MS	79,200	79,200	79,200
Affiliation, registration, evaluation etc., Laboratory consumables	ML	1,58,400	1,58,400	1,58,400
Repairs & maintenance	MA	7,20,000	7,20,000	7,20,000
6. Total costs		629,49,617	600,92,683	579,40,819
TTF = (CHR + CLR + CCS + CIO + CMS) Fees TTF Rs				
Tuition TF Rs per student		2,18,575	2,08,655	2,01,183
TTF / (SI*D) fees DF				
Development (0.15*TF) Rs per student		32,786	31,298	30,178
Total tuition and development fees Rs per student		2,51,361	2,39,953	2,31,361

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Report of National Fees Committee appointed vide F No 3-16/PC/Fee Com./2014(1)/591 dated 13.05.2014

Table 13   Computation of fees for 2 Year Full time Architectural PG Degree Program

Norms & Guidelines			2 yr Architecture PG Degree Type X Cities	2 yr Architecture PG Degree Type Y Cities	2 yr Architecture PG Degree Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	3	3	3
Program duration	D	Years	2	2	2
Total Intake	SI	No	144	144	144
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	10	10	10
	R				
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		1	1	1
	AP		1	1	1
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3,000	3,000	3,000
Faculty development	Fd	per person pa for 25% of faculty	10000	10,000	10,000
Staff development	Sd	% provision for faculty	30	30	30
	Fr	per course	10000	10,000	10,000
Project fund	TF	No	29	29	29
Total No of faculty as per AICTE norms	Np	No	9	9	9
No of Professors	Nr	No	10	10	10
No of Associate Professors	Na	No	10	10	10
No of Assistant Professors	St		436,40,273	412,57,174	394,65,742
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	So		43,64,027	41,25,717	39,46,574
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	Sn		130,92,082	123,77,152	118,39,722
Salary of non-teaching staff	Si		13,09,208	12,37,715	11,83,972
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)					

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Norms & Guidelines			2 yr Architecture PG Degree Type X Cities	2 yr Architecture PG Degree Type Y Cities	2 yr Architecture PG Degree Type Z Cities
3. Learning Resources					
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1,000	1,000
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
	L	as percent of cost of books	1	1	1
Newspaper & magazines	m	as percent of e-resources	10	10	10
	Ls	as percent of e resources			
Hardware and Software			-	-	-
4. Computers	Nc	1:X	5	5	5
No of terminals required as per Norms	Cp	Rs	35,000	35,000	35,000
Average cost of PC inclusive of Operating software	Ns	No per course	1	1	1
No of servers	Sc	Rs	75,000	75,000	75,000
Average cost of each server	Np	No per 100 terminals	5	5	5
No of printers	Cp	Rs	10,000	10,000	10,000
Average cost of each printer	CS	Rs per course over course duration	1,50,000	1,50,000	1,50,000
Average Cost of Other software (preferred open source software)	Pn	% of cost of terminals+servers	20	20	20
Peripherals, Networking, Add-ons	Ci	Rs per user pm	50	50	50
Internet and campus information	W	Rs lumpsum	25,000	25,000	25,000
Institute website development & maintenance	d		-	-	-
5. Infrastructure operational costs					
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
			-	-	-
6. Miscellaneous					
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
			-	-	-
7. Development Fees		as % of tuition fees	15	15	15

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Cost estimation worksheet				2 yr Architecture PG Degree Type X Cities	2 yr Architecture PG Degree Type Y Cities	2 yr Architecture PG Degree Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR			625,37,590	591,29,758	565,68,010
Salary for faculty (St+So)	SF			480,04,300	453,82,891	434,12,316
Salary for Non teaching staff (Sn+Si)	SN			144,01,290	136,14,867	130,23,695
Remuneration for Industry Interaction	SV			30,000	30,000	30,000
Fund for Faculty development	FD			72,000	72,000	72,000
Fund for research	FR			30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR			1,53,500	1,53,500	1,53,500
Cost of books	LB			100000	100000	100000
Cost of Journals	LJ			25,000	25,000	25,000
Cost of e-resources	LE			25,000	25,000	25,000
Cost of Newspaper & magazines	LM			1,000	1,000	1,000
Cost of Library Hardware & software	LS			2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS			30,33,160	30,33,160	30,33,160
Cost of terminals including operating system	CT			20,16,000	20,16,000	20,16,000
Cost of servers	CS			75,000	75,000	75,000
Cost of printers	CP			28,800	28,800	28,800
Other software (preferred open source software)	CW			4,50,000	4,50,000	4,50,000
Peripherals, Networking, Add-ons	CP			4,23,960	4,23,960	4,23,960
Internet and campus information	CI			14,400	14,400	14,400
Institute website development & maintenance	CW			25,000	25,000	25,000
4. Infrastructure Operational costs	CIO			8,64,000	8,64,000	8,64,000
	CO			8,64,000	8,64,000	8,64,000
5. Miscellaneous Costs (MS+ML+MA)	CMS			9,57,600	9,57,600	9,57,600
Student activities	MS			79,200	79,200	79,200
Affiliation, registration, evaluation etc., Laboratory consumables	ML			1,58,400	1,58,400	1,58,400
Repairs & maintenance	MA			7,20,000	7,20,000	7,20,000
6. Total costs				675,45,850	641,38,018	615,76,270
TTF = (CHR + CLR + CCS + CIO + CMS)		TTF	Rs			
Tuition Fees	$TTF/(SI*D)$	TF	Rs per student	2,34,534	2,22,701	2,13,806
Development fees	$(0.15*TF)$	DF	Rs per student	35,180	33,405	32,071
Total tuition and development fees			Rs per student	2,69,714	2,56,107	2,45,877

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Table 14	Computation of fees for 2 Year Full time Town planning PG Degree Program					
Norms & Guidelines				2 yr Town Planning PG Deg Type X Cities	2 yr Town Planning PG Deg Type Y Cities	2 yr Town Planning PG Deg Type Z Cities
1. Program details						
Program	P	No		1	1	1
Courses / Divisions	C	No		3	3	3
Program duration	D	Years		2	2	2
Total Intake	SI	No		144	144	144
2. Human resources						
Student faculty ratio as per AICTE norms	SF	X:1		10	10	10
Annual salary of Professor	Sp	Rs p.a.		1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.		1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.		989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary		10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary		30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si			10	10	10
Cadre ratio	P			1	-	-
	AP			1	1	1
	AP			1	1	1
					-	-
Industry Institute Interaction sessions	In	per course per year		10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs		3,000	3,000	3,000
					-	-
Faculty development	Fd	per person pa for 25% of faculty		10000	10,000	10,000
Staff development	Sd	% provision for faculty		30	30	30
Project fund	Fr	per course		10000	10,000	10,000
					-	-
Total No of faculty as per AICTE norms	TF	No		29	29	29
No of Professors	Np	No		9	9	9
No of Associate Professors	Nr	No		10	10	10
No of Assistant Professors	Na	No		10	10	10
					-	-
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St			436,40,273	412,57,174	394,65,742
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So			43,64,027	41,25,717	39,46,574
Salary of non-teaching staff	Sn			130,92,082	123,77,152	118,39,722
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si			13,09,208	12,37,715	11,83,972

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Norms & Guidelines			2 yr Town Planning PG Deg Type X Cities	2 yr Town Planning PG Deg Type Y Cities	2 yr Town Planning PG Deg Type Z Cities
3. Learning Resources					-
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1,000	1,000
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
	Ls	as percent of e resources	10	10	10
Hardware and Software			-	-	-
4. Computers					
No of terminals required as per Norms	Nc	1:X	5	5	5
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,50,000	1,50,000	1,50,000
Peripherals. Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
5. Infrastructure operational costs			-	-	-
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6, Miscellaneous			-	-	-
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet			2 yr Town Planning PG Deg Type X Cities	2 yr Town Planning PG Deg Type Y Cities	2 yr Town Planning PG Deg Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR		625,37,590	591,29,758	565,68,010
Salary for faculty (Sf+So)	SF		480,04,300	453,82,891	434,12,316
Salary for Non teaching staff (Sn+Si)	SN		144,01,290	136,14,867	130,23,695
Remuneration for Industry Interaction	SV		30,000	30,000	30,000
Fund for Faculty development	FD		72,000	72,000	72,000
Fund for research	FR		30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR		1,53,500	1,53,500	1,53,500
Cost of books	LB		100000	100000	100000
Cost of Journals	LJ		25,000	25,000	25,000
Cost of e-resources	LE		25,000	25,000	25,000
Cost of Newspaper & magazines	LM		1,000	1,000	1,000
	LS		2,500	2,500	2,500
Cost of Library Hardware & software	CCS		30,33,160	30,33,160	30,33,160
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CT		20,16,000	20,16,000	20,16,000
Cost of terminals including operating system	CS		75,000	75,000	75,000
Cost of servers	CP		28,800	28,800	28,800
Cost of printers	CW		4,50,000	4,50,000	4,50,000
Other software (preferred open source software)	CP		4,23,960	4,23,960	4,23,960
Peripherals, Networking, Add-ons	CI		14,400	14,400	14,400
Internet and campus information	CW		25,000	25,000	25,000
Institute website development & maintenance	CIO		8,64,000	8,64,000	8,64,000
4. Infrastructure Operational costs	CO		8,64,000	8,64,000	8,64,000
5. Miscellaneous Costs (MS+ML+MA)	CMS		9,57,600	9,57,600	9,57,600
Student activities	MS		79,200	79,200	79,200
Affiliation, registration, evaluation etc., Laboratory consumables	ML		1,58,400	1,58,400	1,58,400
Repairs & maintenance	MA		7,20,000	7,20,000	7,20,000
6. Total costs			675,45,850	641,38,018	615,76,270
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs			
Tuition Fees	TF	TTF /(SI*D)	Rs per student		
Development fees	DF	(0.15*TF)	Rs per student		
Tuition Fees		Rs per student	2,34,534	2,22,701	2,13,806
Development fees		Rs per student	35,180	33,405	32,071
Total tuition and development fees		Rs per student	2,69,714	2,56,107	2,45,877

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Table 15	Computation of fees for 2 Year Full time Applied Arts & Crafts PG Degree Program				
Norms & Guidelines			2 yr Applied Art PG Deg Type X Cities	2 yr Applied Art PG Deg Type Y Cities	2 yr Applied Art PG Deg Type Z Cities
1. Program details					
Program	P	No	1	1	1
Course/Divisions	C	No	3	3	3
Program duration	D	Years	2	2	2
Total Intake	SI	No	144	144	144
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	10	10	10
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
				-	-
Cadre ratio	P		1	1	1
	AP		1	1	1
	AP		1	1	1
				-	-
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3,000	3,000	3,000
				-	-
Faculty development	Fd	per person pa for 25% of faculty	10000	10,000	10,000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	10000	10,000	10,000
				-	-
Total No of faculty as per AICTE norms	TF	No	29	29	29
No of Professors	Np	No	9	9	9
No of Associate Professors	Nr	No	10	10	10
No of Assistant Professors	Na	No	10	10	10
				-	-
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		436,40,273	412,57,174	394,65,742
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		43,64,027	41,25,717	39,46,574
Salary of non-teaching staff	Sn		130,92,082	123,77,152	118,39,722
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		13,09,208	12,37,715	11,83,972

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Norms & Guidelines			2 yr Applied Art PG Deg Type X Cities	2 yr Applied Art PG Deg Type Y Cities	2 yr Applied Art PG Deg Type Z Cities
3. Learning Resources					
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1,000	1,000
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers					
No of terminals required as per Norms	Nc	1:X	5	5	5
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,50,000	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
5. Infrastructure operational costs					
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous					
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
7. Development Fees		as % of tuition fees	15	15	15

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Norms & Guidelines			2 yr Applied Art PG Deg Type X Cities	2 yr Applied Art PG Deg Type Y Cities	2 yr Applied Art PG Deg Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR		625,37,590	591,29,758	565,68,010
Salary for faculty (St+So)	SF		480,04,300	453,82,891	434,12,316
Salary for Non teaching staff (Sn+Si)	SN		144,01,290	136,14,867	130,23,695
Remuneration for Industry Interaction	SV		30,000	30,000	30,000
Fund for Faculty development	FD		72,000	72,000	72,000
Fund for research	FR		30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR		1,53,500	1,53,500	1,53,500
Cost of books	LB		100000	100000	100000
Cost of Journals	LJ		25,000	25,000	25,000
Cost of e-resources	LE		25,000	25,000	25,000
Cost of Newspaper & magazines	LM		1,000	1,000	1,000
Cost of Library Hardware & software	LS		2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS		30,33,160	30,33,160	30,33,160
Cost of terminals including operating system	CT		20,16,000	20,16,000	20,16,000
Cost of servers	CS		75,000	75,000	75,000
Cost of printers	CP		28,800	28,800	28,800
Other software (preferred open source software)	CW		4,50,000	4,50,000	4,50,000
Peripherals, Networking, Add-ons	CP		4,23,960	4,23,960	4,23,960
Internet and campus information	CI		14,400	14,400	14,400
Institute website development & maintenance	CW		25,000	25,000	25,000
4. Infrastructure Operational costs	CIO		8,64,000	8,64,000	8,64,000
	CO		8,64,000	8,64,000	8,64,000
5. Miscellaneous Costs (MS+ML+MA)	CMS		9,57,600	9,57,600	9,57,600
Student activities	MS		79,200	79,200	79,200
Affiliation, registration, evaluation etc.. Laboratory consumables	ML		1,58,400	1,58,400	1,58,400
Repairs & maintenance	MA		7,20,000	7,20,000	7,20,000
6. Total costs TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs	675,45,850	641,38,018	615,76,270
Tuition Fees TTF /(SI*D)	TF	Rs per student	2,34,534	2,22,701	2,13,806
Development fees (0.15*TF)	DF	Rs per student	35,180	33,405	32,071
Total tuition and development fees		Rs per student	2,69,714	2,56,107	2,45,877

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Table 16	Computation of fees for 2 Year Full time Pharmaceutical PG Degree Program				
Norms & Guidelines			2 yr Pharmacy PG Deg Type X Cities	2 yr Pharmacy PG Deg Type Y Cities	2 yr Pharmacy PG Deg Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	3	3	3
Program duration	D	Years	2	2	2
Total Intake	SI	No	144	144	144
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	12	12	12
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		1	1	1
	AP		1	1	1
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3,000	3,000	3,000
			-	-	-
Faculty development	Fd	per person pa for 25% of faculty	10000	10,000	10,000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	10000	10,000	10,000
			-	-	-
Total No of faculty as per AICTE norms	TF	No	24	24	24
No of Professors	Np	No	8	8	8
No of Associate Professors	Nr	No	8	8	8
No of Assistant Professors	Na	No	8	8	8
			-	-	-
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		366,49,872	346,52,016	331,47,216
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		36,64,987	34,65,202	33,14,722
Salary of non-teaching staff	Sn		109,94,962	103,95,605	99,44,165
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10,99,496	10,39,560	9,94,416

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Norms & Guidelines			2 yr Pharmacy PG Deg Type X Cities	2 yr Pharmacy PG Deg Type Y Cities	2 yr Pharmacy PG Deg Type Z Cities
3. Learning Resources					-
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1,000	1,000
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				-	-
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	1,00,000	1,00,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
5. Infrastructure operational costs				-	-
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
				-	-
6, Miscellaneous				-	-
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
				-	-
				-	-
7. Development Fees		as % of tuition fees	15	15	15

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Cost estimation worksheet	Code	2 yr Pharmacy PG Deg Type X Cities	2 yr Pharmacy PG Deg Type Y Cities	2 yr Pharmacy PG Deg Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	525,29,317	496,72,383	475,20,519
Salary for faculty (St+So)	SF	403,14,859	381,17,218	364,61,938
Salary for Non teaching staff (Sn+Si)	SN	120,94,458	114,35,165	109,38,581
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	60,000	60,000	60,000
Fund for research	FR	30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,53,500	1,53,500	1,53,500
Cost of books	LB	100000	100000	100000
Cost of Journals	LJ	25,000	25,000	25,000
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	24,74,200	24,74,200	24,74,200
Cost of terminals including operating system	CT	16,80,000	16,80,000	16,80,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	24,000	24,000	24,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	3,55,800	3,55,800	3,55,800
Internet and campus information	CI	14,400	14,400	14,400
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	8,64,000	8,64,000	8,64,000
	CO	8,64,000	8,64,000	8,64,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	9,57,600	9,57,600	9,57,600
Student activities	MS	79,200	79,200	79,200
Affiliation. registration, evaluation etc.. Laboratory consumables	ML	1,58,400	1,58,400	1,58,400
Repairs & maintenance	MA	7,20,000	7,20,000	7,20,000
6. Total costs		569,78,617	541,21,683	519,69,819
TTF = (CHR + CLR + CCS + CIO + CMS) — TTF — Rs				
Tuition Fees — TTF /(SI*D) — TF — Rs per student		1,97,842	1,87,923	1,80,451
Development fees — (0.15*TF) — DF — Rs per student		29,676	28,188	27,068
Total tuition and development fees — Rs per student		2,27,519	2,16,111	2,07,518

Table 17	Computation of fees for 2 Year Full time HMCT PG Degree Program					

Norms & Guidelines				2 yr HMCT PG Deg Type X Cities	2 yr HMCT PG Deg Type Y Cities	2 yr HMCT PG Deg Type Z Cities
1. Program details						
Program	P	No		1	1	1
Courses / Divisions	C	No		3	3	3
Program duration	D	Years		2	2	2
Total Intake	SI	No		144	144	144
2. Human resources						
Student faculty ratio as per AICTE norms	SFR	X:1		12	12	12
Annual salary of Professor	Sp	Rs p.a.		1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.		1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.		989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary		10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary		30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si	percent of faculty salary		10	10	10
Cadre ratio	P			1	1	1
	AP			1	1	1
	AP			1	1	1
Industry Institute Interaction sessions	In	per course per year		10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs		3,000	3,000	3,000
Faculty development	Fd	per person pa for 25% of faculty		10000	10,000	10,000
Staff development	Sd	% provision for faculty		30	30	30
Project fund	Fr	per course		10000	10,000	10,000
Total No of faculty as per AICTE norms	TF	No		24	24	24
No of Professors	Np	No		8	8	8
No of Associate Professors	Nr	No		8	8	8
No of Assistant Professors	Na	No		8	8	8
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St			366,49,872	346,52,016	331,47,216
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So			36,64,987	34,65,202	33,14,722
Salary of non-teaching staff	Sn			109,94,962	103,95,605	99,44,165
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si			10,99,496	10,39,560	9,94,416

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Norms & Guidelines			2 yr HMCT PG Deg Type X Cities	2 yr HMCT PG Deg Type Y Cities	2 yr HMCT PG Deg Type Z Cities
3. Learning Resources					
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1,000	1,000
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers					
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	1,00,000	1,00,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
5. Infrastructure operational costs					
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous					
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
7. Development Fees		as % of tuition fees	15	15	15

Norms & Guidelines		2 yr HMCT PG Deg Type X Cities	2 yr HMCT PG Deg Type Y Cities	2 yr HMCT PG Deg Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	525,29,317	496,72,383	475,20,519
Salary for faculty (St+So)	SF	403,14,859	381,17,218	364,61,938
Salary for Non teaching staff (Sn+Si)	SN	120,94,458	114,35,165	109,38,581
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	60,000	60,000	60,000
Fund for research	FR	30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,53,500	1,53,500	1,53,500
Cost of books	LB	100000	100000	100000
Cost of Journals	LJ	25,000	25,000	25,000
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	24,74,200	24,74,200	24,74,200
Cost of terminals including operating system	CT	16,80,000	16,80,000	16,80,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	24,000	24,000	24,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	3,55,800	3,55,800	3,55,800
Internet and campus information	CI	14,400	14,400	14,400
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	8,64,000	8,64,000	8,64,000
	CO	8,64,000	8,64,000	8,64,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	9,57,600	9,57,600	9,57,600
Student activities	MS	79,200	79,200	79,200
Affiliation, registration, evaluation etc.. Laboratory consumables	ML	1,58,400	1,58,400	1,58,400
Repairs & maintenance	MA	7,20,000	7,20,000	7,20,000
6. Total costs		569,78,617	541,21,683	519,69,819
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs		
Tuition Fees $TTF/(SI*D)$	TF	Rs per student	1,97,842	1,87,923	1,80,451
Development fees $(0.15*TF)$	DF	Rs per student	29,676	28,188	27,068
Total tuition and development fees		Rs per student	2,27,519	2,16,111	2,07,518

| Table 18 | Computation of fees for 3 Year Full time MCA Degree Program |

Table 18 — Computation of fees for 3 Year Full time MCA Degree Program

Norms & Guidelines			3 yr MCA Type X Cities	3 yr MCA Type Y Cities	3 yr MCA Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	3	3	3
Program duration	D	Years	3	3	3
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SFR	X:1	15	15	15
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		1	1	1
	AP		2	2	2
	AP		6	6	6
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3,000	3,000	3,000
Faculty development					
Staff development	Fd	per person pa for 25% of faculty	10000	10,000	10,000
Project fund	Sd	% provision for faculty	30	30	30
	Fr	per course	10000	10,000	10,000
Total No of faculty as per AICTE norms	TF	No	36	36	36
No of Professors	Np	No	4	4	4
No of Associate Professors	Nr	No	8	8	8
No of Assistant Professors	Na	No	24	24	24
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		452,42,640	426,56,496	408,09,936
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		45,24,264	42,65,650	40,80,994
Salary of non-teaching staff	Sn		135,72,792	127,96,949	122,42,981
Other benefits like LTC. Medical. insurance etc. benefits (Non teaching staff)	Si		13,57,279	12,79,695	12,24,298

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Norms & Guidelines			3 yr MCA Type X Cities	3 yr MCA Type Y Cities	3 yr MCA Type Z Cities
3. Learning Resources			-	-	-
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1,000	1,000
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers			-	-	-
No of terminals required as per Norms	Nc	1:X	2	2	2
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	1,00,000	1,00,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
5. Infrastructure operational costs			-	-	-
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous			-	-	-
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet

		3 yr MCA Type X Cities	3 yr MCA Type Y Cities	3 yr MCA Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	648,46,975	611,48,789	585,08,208
Salary for faculty (St+So)	SF	497,66,904	469,22,146	448,90,930
Salary for Non teaching staff (Sn+Si)	SN	149,30,071	140,76,644	134,67,279
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	90,000	90,000	90,000
Fund for research	FR	30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,53,500	1,53,500	1,53,500
Cost of books	LB	100000	100000	100000
Cost of Journals	LJ	25,000	25,000	25,000
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	119,44,000	119,44,000	119,44,000
Cost of terminals including operating system	CT	94,50,000	94,50,000	94,50,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	1,35,000	1,35,000	1,35,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	19,32,000	19,32,000	19,32,000
Internet and campus information	CI	27,000	27,000	27,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	16,20,000	16,20,000	16,20,000
	CO	16,20,000	16,20,000	16,20,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	17,95,500	17,95,500	17,95,500
Student activities	MS	1,48,500	1,48,500	1,48,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML	2,97,000	2,97,000	2,97,000
Repairs & maintenance	MA	13,50,000	13,50,000	13,50,000
6. Total costs TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	803,59,975	766,61,789	740,21,208
Tuition Fees $TTF / (SI*D)$	TF — Rs	1,48,815	1,41,966	1,37,076
Development fees $(0.15*TF)$	DF — Rs per student	22,322	21,295	20,561
Total tuition and development fees	Rs per student	1,71,137	1,63,261	1,57,638

Table 19	Computation of fees for 2 Year Full time MBA Degree Program					

Norms & Guidelines				2 yr MBA Type X Cities	2 yr MBA Type Y Cities	2 yr MBA Type Z Cities
1. Program details						
Program	P	No		1	1	1
Courses / Divisions	C	No		3	3	3
Program duration	D	Years		3	3	3
Total Intake	SI	No		180	180	180
2. Human resources						
Student faculty ratio as per AICTE norms	SFR	X:1		15	15	15
Annual salary of Professor	Sp	Rs p.a.		1810056	1714872	16,40,232
Annual salary of Associate Professors	Ss	Rs p.a.		1781616	1687632	16,14,192
Annual salary of Assistant Professors	Sa	Rs p.a.		989562	928998	8,88,978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary		10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary		30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si			10	10	10
Cadre ratio	P			1	1	1
	AP			2	2	2
	AP			6	6	6
Industry Institute Interaction sessions	In	per course per year		10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs		10,000	10,000	10,000
Faculty development	Fd	per person pa for 25% of faculty		10000	10,000	10,000
Staff development	Sd	% provision for faculty		30	30	30
Project fund	Fr	per course		10000	10,000	10,000
Total No of faculty as per AICTE norms	TF	No		36	36	36
No of Professors	Np	No		4	4	4
No of Associate Professors	Nr	No		8	8	8
No of Assistant Professors	Na	No		24	24	24
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St			452,42,640	426,56,496	408,09,936
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So			45,24,264	42,65,650	40,80,994
Salary of non-teaching staff	Sn			135,72,792	127,96,949	122,42,981
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si			13,57,279	12,79,695	12,24,298

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Norms & Guidelines			2 yr MBA Type X Cities	2 yr MBA Type Y Cities	2 yr MBA Type Z Cities
3. Learning Resources			-	-	-
No of technical books required as per Norms	Nt	per course	100	100	100
Average cost of technical book	Cb	Rs	1,000	1,000	1,000
Library Journals	Lj	as percent of cost of books	25	25	25
e-resources	Le	as percent of cost of books	25	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers			-	-	-
No of terminals required as per Norms	Nc	1:X	2	2	2
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35,000	35,000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75,000	75,000
No of printers	Np	No per 100 terminals	5	5	5
Average cost of each printer	Cp	Rs	10,000	10,000	10,000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	1,00,000	1,00,000	1,00,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	20	20	20
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25,000	25,000
5. Infrastructure operational costs			-	-	-
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous			-	-	-
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2,500	2,500
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet

Particulars	Code	2 yr MBA Type X Cities	2 yr MBA Type Y Cities	2 yr MBA Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	649,16,975	612,18,789	585,78,208
Salary for faculty (St+So)	SF	497,66,904	469,22,146	448,90,930
Salary for Non teaching staff (Sn+Si)	SN	149,30,071	140,76,644	134,67,279
Remuneration for Industry Interaction	SV	1,00,000	1,00,000	1,00,000
Fund for Faculty development	FD	90,000	90,000	90,000
Fund for research	FR	30,000	30,000	30,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,53,500	1,53,500	1,53,500
Cost of books	LB	100000	100000	1,00,000
Cost of Journals	LJ	25,000	25,000	25,000
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	119,44,000	119,44,000	119,44,000
Cost of terminals including operating system	CT	94,50,000	94,50,000	94,50,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	1,35,000	1,35,000	1,35,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	25,000	25,000	25,000
Internet and campus information	CI	19,32,000	19,32,000	19,32,000
Institute website development & maintenance	CW	27,000	27,000	27,000
4. Infrastructure Operational costs	CIO	16,20,000	16,20,000	16,20,000
	CO	16,20,000	16,20,000	16,20,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	17,95,500	17,95,500	17,95,500
Student activities	MS	1,48,500	1,48,500	1,48,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML	2,97,000	2,97,000	2,97,000
Repairs & maintenance	MA	13,50,000	13,50,000	13,50,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS) — Tuition Fees (Rs)	TTF	804,29,975	767,31,789	740,91,208
TTF / (SI*D) — Rs per student	TF	1,48,944	1,42,096	1,37,206
(0.15*TF) — Development fees — Rs per student	DF	22,342	21,314	20,581
Total tuition and development fees — Rs per student		1,71,286	1,63,410	1,57,787

Table 20 Computation of fees for 3 Year Full time Diploma Engineering Program

Norms & Guidelines			3 yr Engineering Diploma Type X Cities	3 yr Engineering Diploma Type Y Cities	3 yr Engineering Diploma Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	3	3	3
Total Intake	SI	No	300	300	300
2. Human resources			0	0	0
Student faculty ratio as per AICTE norms	SF	X:1	20	20	20
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio			0	0	0
	P		0	0	0
	AP		0	0	0
	AP		20	20	20
			0	0	0
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
			0	0	0
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
			0	0	0
Total No of faculty as per AICTE norms	TF	No	45	45	45
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	45	45	45
			0	0	0
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		445,30,290	418,04,910	400,04,010
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		44,53,029	41,80,491	40,00,401
Salary of non-teaching staff	Sn		133,59,087	125,41,473	120,01,203
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		13,35,909	12,54,147	12,00,120

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Norms & Guidelines			3 yr Engineering Diploma Type X Cities	3 yr Engineering Diploma Type Y Cities	3 yr Engineering Diploma Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	250	250	250
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	W d	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs			0	0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
				0	0
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
				0	0
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet		3 yr Engineering Diploma Type X Cities	3 yr Engineering Diploma Type Y Cities	3 yr Engineering Diploma Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	639,40,815	600,43,521	574,68,234
Salary for faculty (St+So)	SF	489,83,319	459,85,401	440,04,411
Salary for Non teaching staff (Sn+Si)	SN	146,94,996	137,95,620	132,01,323
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	1,12,500	1,12,500	1,12,500
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,66,250	1,66,250	1,66,250
Cost of books	LB	125000	125000	125000
Cost of Journals	LJ	12,500	12,500	12,500
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,250	1,250	1,250
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	63,92,500	63,92,500	63,92,500
Cost of terminals including operating system	CT	52,50,000	52,50,000	52,50,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	1,50,000	1,50,000	1,50,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	5,47,500	5,47,500	5,47,500
Internet and campus information	CI	45,000	45,000	45,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	27,00,000	27,00,000	27,00,000
	CO	27,00,000	27,00,000	27,00,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	29,92,500	29,92,500	29,92,500
Student activities	MS	2,47,500	2,47,500	2,47,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML	4,95,000	4,95,000	4,95,000
Repairs & maintenance	MA	22,50,000	22,50,000	22,50,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs	761,92,065	722,94,771	697,19,484
	TF	TTF / (SI*D)	Rs per student	84,658	80,328	77,466
	DF	(0.15*TF)	Rs per student	12,699	12,049	11,620
			Rs per student	97,357	92,377	89,086

Tuition Fees

Development fees

Total tuition and development fees

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Table 21   Computation of fees for 3 Year Full time Diploma Architectural Program

Norms & Guidelines			3 yr Architecture Diploma Type X Cities	3 yr Architecture Diploma Type Y Cities	3 yr Architecture Diploma Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	3	3	3
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1			
	R		20	20	20
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		20	20	20
			0	0	0
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
			0	0	0
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
			0	0	0
Total No of faculty as per AICTE norms	TF	No	27	27	27
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	27	27	27
			0	0	0
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		267,18,174	250,82,946	240,02,406
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		26,71,817	25,08,295	24,00,241
Salary of non-teaching staff	Sn		80,15,452	75,24,884	72,00,722
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		8,01,545	7,52,488	7,20,072

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Norms & Guidelines			3 yr Architecture Diploma Type X Cities	3 yr Architecture Diploma Type Y Cities	3 yr Architecture Diploma Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	200	200	200
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	W d	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
				0	0
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet		3 yr Architecture Diploma Type X Cities	3 yr Architecture Diploma Type Y Cities	3 yr Architecture Diploma Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	384,24,489	360,86,113	345,40,941
Salary for faculty (Sf+So)	SF	293,89,991	275,91,241	264,02,647
Salary for Non teaching staff (Sn+Si)	SN	88,16,997	82,77,372	79,20,794
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	67,500	67,500	67,500
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,33,000	1,33,000	1,33,000
Cost of books	LB	100000	100000	100000
Cost of Journals	LJ	10,000	10,000	10,000
Cost of e-resources	LE	20,000	20,000	20,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
Cost of Library Hardware & software	LS	2,000	2,000	2,000
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	39,98,500	39,98,500	39,98,500
Cost of terminals including operating system	CT	31,50,000	31,50,000	31,50,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	90,000	90,000	90,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	3,31,500	3,31,500	3,31,500
Internet and campus information	CI	27,000	27,000	27,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	16,20,000	16,20,000	16,20,000
	CO	16,20,000	16,20,000	16,20,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	17,95,500	17,95,500	17,95,500
Student activities	MS	1,48,500	1,48,500	1,48,500
Affiliation, registration, evaluation etc.. Laboratory consumables	ML	2,97,000	2,97,000	2,97,000
Repairs & maintenance	MA	13,50,000	13,50,000	13,50,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs	459,71,489	436,33,113	420,87,941
Tuition Fees	TTF /(SI*D)	TF	Rs per student	85,132	80,802	77,941
Development fees	(0.15*TF)	DF	Rs per student	12,770	12,120	11,691
Total tuition and development fees			Rs per student	97,902	92,922	89,632

Table 22	Computation of fees for 4 Year Full time Diploma Town planning Program

Norms & Guidelines			3 yr Town Planning Diploma Type X Cities	3 yr Town Planning Diploma Type Y Cities	3 yr Town Planning Diploma Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	3	3	3
Total Intake	St	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	20	20	20
	R				
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		0	0	0
			20	20	20
			0	0	0
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
			0	0	0
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
			0	0	0
Total No of faculty as per AICTE norms	TF	No	27	27	27
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	27	27	27
			0	0	0
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		267,18,174	250,82,946	240,02,406
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		26,71,817	25,08,295	24,00,241
Salary of non-teaching staff	Sn		80,15,452	75,24,884	72,00,722

Norms & Guidelines			3 yr Town Planning Diploma Type X Cities	3 yr Town Planning Diploma Type Y Cities	3 yr Town Planning Diploma Type Z Cities
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		8,01,545	7,52,488	7,20,072
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course		0	0
Average cost of technical book	Cb	Rs	200	200	200
Library Journals	Lj	as percent of cost of books	500	500	500
e-resources	Le	as percent of cost of books	10	10	10
Newspaper & magazines	L	as percent of cost of books	20	20	20
Hardware and Software	m	as percent of cost of books	1	1	1
	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	W	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet

		3 yr Town Planning Diploma Type X Cities	3 yr Town Planning Diploma Type Y Cities	3 yr Town Planning Diploma Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	384,24,489	360,86,113	345,40,941
Salary for faculty (St+So)	SF	293,89,991	275,91,241	264,02,647
Salary for Non teaching staff (Sn+Si)	SN	88,16,997	82,77,372	79,20,794
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	67,500	67,500	67,500
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,33,000	1,33,000	1,33,000
Cost of books	LB	100000	100000	100000
Cost of Journals	LJ	10,000	10,000	10,000
Cost of e-resources	LE	20,000	20,000	20,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
Cost of Library Hardware & software	LS	2,000	2,000	2,000
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	39,98,500	39,98,500	39,98,500
Cost of terminals including operating system	CT	31,50,000	31,50,000	31,50,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	90,000	90,000	90,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	3,31,500	3,31,500	3,31,500
Internet and campus information	CI	27,000	27,000	27,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	16,20,000	16,20,000	16,20,000
	CO	16,20,000	16,20,000	16,20,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	17,95,500	17,95,500	17,95,500
Student activities	MS	1,48,500	1,48,500	1,48,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML	2,97,000	2,97,000	2,97,000
Repairs & maintenance	MA	13,50,000	13,50,000	13,50,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS) TTF Rs		459,71,489	436,33,113	420,87,941
Tuition Fees TTF / (SI*D) TF Rs per student		85,132	80,802	77,941
Development fees (0.15*TF) DF Rs per student		12,770	12,120	11,691
Total tuition and development fees Rs per student		97,902	92,922	89,632

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Table 23   Computation of fees for 4 Year Full time Diploma Applied Arts & Crafts Program

Norms & Guidelines			3 yr Applied Art Diploma Type X Cities	3 yr Applied Art Diploma Type Y Cities	3 yr Applied Art Diploma Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	3	3	3
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	20	20	20
	R				
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		0	0	0
			20	20	20
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
			0	0	0
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
			0	0	0
Total No of faculty as per AICTE norms	TF	No	27	27	27
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	27	27	27
			0	0	0
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		267.18.174	250,82,946	240,02,406
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		26.71.817	25,08.295	24,00.241
Salary of non-teaching staff	Sn		80.15.452	75,24,884	72,00.722
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		8,01.545	7,52,488	7,20,072

Norms & Guidelines			3 yr Applied Art Diploma Type X Cities	3 yr Applied Art Diploma Type Y Cities	3 yr Applied Art Diploma Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	250	250	250
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	5	5	5
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet		3 yr Applied Art Diploma Type X Cities	3 yr Applied Art Diploma Type Y Cities	3 yr Applied Art Diploma Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	384,24,489	360,86,113	345,40,941
Salary for faculty (St+So)	SF	293,89,991	275,91,241	264,02,647
Salary for Non teaching staff (Sn+Si)	SN	88,16,997	82,77,372	79,20,794
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	67,500	67,500	67,500
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,66,250	1,66,250	1,66,250
Cost of books	LB	125000	125000	125000
Cost of Journals	LJ	12,500	12,500	12,500
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,250	1,250	1,250
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	47,11,300	47,11,300	47,11,300
Cost of terminals including operating system	CT	37,80,000	37,80,000	37,80,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	1,08,000	1,08,000	1,08,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	3,96,300	3,96,300	3,96,300
Internet and campus information	CI	27,000	27,000	27,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	16,20,000	16,20,000	16,20,000
	CO	16,20,000	16,20,000	16,20,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	17,95,500	17,95,500	17,95,500
Student activities	MS	1,48,500	1,48,500	1,48,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML	2,97,000	2,97,000	2,97,000
Repairs & maintenance	MA	13,50,000	13,50,000	13,50,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs	467,17,539	443,79,163	428,33,991
Tuition Fees	TTF / (SI*D)	TF	Rs per student	86,514	82,184	79,322
Development fees	(0.15*TF)	DF	Rs per student	12,977	12,328	11,898
Total tuition and development fees			Rs per student	99,491	94,511	91,221

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Table 24   Computation of fees for 4 Year Full time Diploma Pharmaceutical Program

Norms & Guidelines	Symbol	Unit	3 yr Pharmacy Diploma Type X Cities	3 yr Pharmacy Diploma Type Y Cities	3 yr Pharmacy Diploma Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	3	3	3
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF / R	X:1	20	20	20
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		20	20	20
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
Total No of faculty as per AICTE norms	TF	No	27	27	27
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	27	27	27
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		267,18,174	250,82,946	240,02,406
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		26,71,817	25,08,295	24,00,241
Salary of non-teaching staff	Sn		80,15,452	75,24,884	72,00,722
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		8,01,545	7,52,488	7,20,072

Norms & Guidelines			3 yr Pharmacy Diploma Type X Cities	3 yr Pharmacy Diploma Type Y Cities	3 yr Pharmacy Diploma Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	250	250	250
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
				0	0
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
				0	0
				0	0
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet		3 yr Pharmacy Diploma Type X Cities	3 yr Pharmacy Diploma Type Y Cities	3 yr Pharmacy Diploma Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	384,24,489	360,86,113	345,40,941
Salary for faculty (St+So)	SF	293,89,991	275,91,241	264,02,647
Salary for Non teaching staff (Sn+Si)	SN	88,16,997	82,77,372	79,20,794
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	67,500	67,500	67,500
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,66,250	1,66,250	1,66,250
Cost of books	LB	125000	125000	125000
Cost of Journals	LJ	12,500	12,500	12,500
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,250	1,250	1,250
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	39,98,500	39,98,500	39,98,500
Cost of terminals including operating system	CT	31,50,000	31,50,000	31,50,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	90,000	90,000	90,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	3,31,500	3,31,500	3,31,500
Internet and campus information	CI	27,000	27,000	27,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	16,20,000	16,20,000	16,20,000
	CO	16,20,000	16,20,000	16,20,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	17,95,500	17,95,500	17,95,500
Student activities	MS	1,48,500	1,48,500	1,48,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML	2,97,000	2,97,000	2,97,000
Repairs & maintenance	MA	13,50,000	13,50,000	13,50,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs		
Tuition Fees	TTF / (SI*D)	TF	Rs per student	460,04,739	436,66,363	421,21,191
Development fees	(0.15*TF)	DF	Rs per student	85,194	80,864	78,002
Total tuition and development fees		Rs per student	12,779	12,130	11,700
			97,973	92,993	89,703

Table 25 Computation of fees for 4 Year Full time Diploma HMCT Program

Norms & Guidelines			3 yr HMCT Diploma Type X Cities	3 yr HMCT Diploma Type Y Cities	3 yr HMCT Diploma Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	3	3	3
Total Intake	SI	No	180	180	180
2. Human resources				-	0
Student faculty ratio as per AICTE norms	SFR	X:1	20	20	20
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	-	0
	AP		0	-	0
	AP		20	20	20
Industry Institute Interaction sessions				-	0
Expenses per session of Industry Institute Interaction	In	per course per year	10	10	10
	Sv	Rs	3000	3,000	3000
Faculty development				-	0
Staff development	Fd	per person pa for 25% of faculty	10000	10,000	10000
	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20,000	20000
Total No of faculty as per AICTE norms	TF	No	27	-	0
No of Professors	Np	No	0	27	27
No of Associate Professors	Nr	No	0	-	0
No of Assistant Professors	Na	No	27	-	0
				27	27
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		267,18,174	250,82,946	240,02,406
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		26,71,817	25,08,295	24,00,241
Salary of non-teaching staff	Sn		80,15,452	75,24,884	72,00,722
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		8,01,545	7,52,488	7,20,072

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Norms & Guidelines				3 yr HMCT Diploma Type X Cities	3 yr HMCT Diploma Type Y Cities	3 yr HMCT Diploma Type Z Cities
3. Learning Resources					-	0
No of technical books required as per Norms	Nt		per course	250	250	250
Average cost of technical book	Cb		Rs	500	500	500
Library Journals	Lj		as percent of cost of books	10	10	10
e-resources	Le		as percent of cost of books	20	20	20
Newspaper & magazines	Lm		as percent of cost of books	1	1	1
Hardware and Software	Ls		as percent of e resources	10	10	10
4. Computers					-	0
No of terminals required as per Norms	Nc	1:X		6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs		35,000	35,000	35000
No of servers	Ns	No per course		1	1	1
Average cost of each server	Sc	Rs		75,000	75,000	75000
No of printers	Np	No per 100 terminals		10	10	10
Average cost of each printer	Cp	Rs		10,000	10,000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration		50,000	50,000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers		10	10	10
Internet and campus information	Ci	Rs per user pm		50	50	50
Institute website development & maintenance	Wd	Rs lumpsum		25,000	25,000	25000
5. Infrastructure operational costs					-	0
Operational costs	Oc	per student p.a.		3,000	3,000	3,000
					-	0
6. Miscellaneous					-	0
Student activities	Sa	per student p.a.		275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.		550	550	550
Repairs & Maintenance	Ar	per student p.a.		2,500	2,500	2500
					-	0
7. Development Fees		as % of tuition fees		15	15	15

Cost estimation worksheet

			3 yr HMCT Diploma Type X Cities	3 yr HMCT Diploma Type Y Cities	3 yr HMCT Diploma Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR		384,24,489	360,86,113	345,40,941
Salary for faculty (St+So)	SF		293,89,991	275,91,241	264,02,647
Salary for Non teaching staff (Sn+Si)	SN		88,16,997	82,77,372	79,20,794
Remuneration for Industry Interaction	SV		30,000	30,000	30,000
Fund for Faculty development	FD		67,500	67,500	67,500
Fund for research	FR		1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR		1,66,250	1,66,250	1,66,250
Cost of books	LB		125000	125000	125000
Cost of Journals	LJ		12,500	12,500	12,500
Cost of e-resources	LE		25,000	25,000	25,000
Cost of Newspaper & magazines	LM		1,250	1,250	1,250
Cost of Library Hardware & software	LS		2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS		39,98,500	39,98,500	39,98,500
Cost of terminals including operating system	CT		31,50,000	31,50,000	31,50,000
Cost of servers	CS		75,000	75,000	75,000
Cost of printers	CP		90,000	90,000	90,000
Other software (preferred open source software)	CW		3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP		3,31,500	3,31,500	3,31,500
Internet and campus information	CI		27,000	27,000	27,000
Institute website development & maintenance	CW		25,000	25,000	25,000
4. Infrastructure Operational costs	CIO		16,20,000	16,20,000	16,20,000
	CO		16,20,000	16,20,000	16,20,000
5. Miscellaneous Costs (MS+ML+MA)	CMS		17,95,500	17,95,500	17,95,500
Student activities	MS		1,48,500	1,48,500	1,48,500
Affiliation, registration, evaluation etc., Laboratory consumables	ML		2,97,000	2,97,000	2,97,000
Repairs & maintenance	MA		13,50,000	13,50,000	13,50,000
6. Total costs					
TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs	460,04,739	436,66,363	421,21,191
Tuition Fees	TF	TTF /(SI*D) Rs per student	85,194	80,864	78,002
Development fees	DF	(0.15*TF) Rs per student	12,779	12,130	11,700
Total tuition and development fees		Rs per student	97,973	92,993	89,703

Table 26	Computation of fees for 2 Year Full time Post Diploma Engineering Program

Norms & Guidelines			2 Yr Post-Dip Engineering Type X Cities	2 Yr Post-Dip Engineering Type Y Cities	2 Yr Post-Dip Engineering Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	2	2	2
Total Intake	SI	No	300	300	300
2. Human resources					
Student faculty ratio as per AICTE norms	SF, R	X:1	20	20	20
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		20	20	20
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
Total No of faculty as per AICTE norms	TF	No	30	30	30
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	30	30	30
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		296,86,860	278,69,940	266,69,340
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		29,68,686	27,86,994	26,66,934
Salary of non-teaching staff	Sn		89,06,058	83,60,982	80,00,802
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		8,90,606	8,36,098	8,00,080

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Norms & Guidelines			2 Yr Post-Dip Engineering Type X Cities	2 Yr Post-Dip Engineering Type Y Cities	2 Yr Post-Dip Engineering Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	250	250	250
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	W d	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous				0	0
Student activities				0	0
Affiliation, registration, evaluation etc & Laboratory consumables	Sa	per student p.a.	275	275	275
Repairs & Maintenance	Lc	per student p.a.	550	550	550
	Ar	per student p.a.	2,500	2500	2500
7. Development Fees				0	0
		as % of tuition fees	15	15	15

Cost estimation worksheet		2 Yr Post-Dip Engineering Type X Cities	2 Yr Post-Dip Engineering Type Y Cities	2 Yr Post-Dip Engineering Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CH	426,77,210	400,79,014	383,62,156
Salary for faculty (St+So)	R SF	326,55,546	306,56,934	293,36,274
Salary for Non teaching staff (Sn+Si)	SN	97,96,664	91,97,080	88,00,882
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	75,000	75,000	75,000
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CL	1,66,250	1,66,250	1,66,250
Cost of books	R LB	125000	125000	125000
Cost of Journals	LJ	12,500	12,500	12,500
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,250	1,250	1,250
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CC	43,97,500	43,97,500	43,97,500
Cost of terminals including operating system	S CT	35,00,000	35,00,000	35,00,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	1,00,000	1,00,000	1,00,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	3,67,500	3,67,500	3,67,500
Internet and campus information	CI	30,000	30,000	30,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	18,00,000	18,00,000	18,00,000
	CO	18,00,000	18,00,000	18,00,000
5. Miscellaneous Costs (MS+ML+MA)	CM S	19,95,000	19,95,000	19,95,000
Student activities	MS	1,65,000	1,65,000	1,65,000
Affiliation, registration, evaluation etc., Laboratory consumables	ML	3,30,000	3,30,000	3,30,000
Repairs & maintenance	MA	15,00,000	15,00,000	15,00,000
6. Total costs TTF = (CHR + CLR + CCS + CIO + CMS)		510,35,960	484,37,764	467,20,906
Tuition Fees TTF / (SI*D)	TTF Rs TF Rs per student	85,060	80,730	77,868
Development fees (0.15*TF)	DF Rs per student	12,759	12,109	11,680
Total tuition and development fees	Rs per student	97,819	92,839	89,548

Table 27 Computation of fees for 2 Year Full time Post Diploma Architectural Program

Norms & Guidelines			2 Yr Post Dip Architecture Type X Cities	2 Yr Post Dip Architecture Type Y Cities	2 Yr Post Dip Architecture Type Z Cities
1. Program details					
Program					
Courses / Divisions	P	No	1	1	1
Program duration	C	No	6	6	6
Total Intake	D	Years	2	2	2
	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF				
	R	X:1	20	20	20
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		0	0	0
			20	20	20
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
Total No of faculty as per AICTE norms	TF	No	18	18	18
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	18	18	18
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		178,12,116	167,21,964	160,01,604
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		17,81,212	16,72,196	16,00,160
Salary of non-teaching staff	Sn		53,43,635	50,16,589	48,00,481
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		5,34,363	5,01,659	4,80,048

Norms & Guidelines			2 Yr Post Dip Architecture Type X Cities	2 Yr Post Dip Architecture Type Y Cities	2 Yr Post Dip Architecture Type Z Cities
3. Learning Resources					
No of technical books required as per Norms	Nt	per course		0	0
Average cost of technical book	Cb	Rs	200	200	200
Library Journals	Lj	as percent of cost of books	500	500	500
e-resources	Le	as percent of cost of books	10	10	10
Newspaper & magazines	Lm	as percent of cost of books	20	20	20
Hardware and Software	Lm	as percent of cost of books	1	1	1
	Ls	as percent of e resources	10	10	10
4. Computers					
No of terminals required as per Norms	Nc	1:X		0	0
			6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2,500	2500	2500
				0	0
7. Development Fees		as % of tuition fees	15	15	15

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Cost estimation worksheet

Cost estimation worksheet		2 Yr Post Dip Architecture Type X Cities	2 Yr Post Dip Architecture Type Y Cities	2 Yr Post Dip Architecture Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR	256,66,326	241,07,409	230,77,294
Salary for faculty (St+So)	SF	195,93,328	183,94,160	176,01,764
Salary for Non teaching staff (Sn+Si)	SN	58,77,998	55,18,248	52,80,529
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	45,000	45,000	45,000
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,33,000	1,33,000	1,33,000
Cost of books	LB	100000	100000	100000
Cost of Journals	LJ	10,000	10,000	10,000
Cost of e-resources	LE	20,000	20,000	20,000
Cost of Newspaper & magazines	LM	1,000	1,000	1,000
Cost of Library Hardware & software	LS	2,000	2,000	2,000
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	28,01,500	28,01,500	28,01,500
Cost of terminals including operating system	CT	21,00,000	21,00,000	21,00,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	60,000	60,000	60,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	2,23,500	2,23,500	2,23,500
Internet and campus information	CI	18,000	18,000	18,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	10,80,000	10,80,000	10,80,000
	CO	10,80,000	10,80,000	10,80,000
5. Miscellaneous Costs (MS+ML+MA)	CMS	11,97,000	11,97,000	11,97,000
Student activities	MS	99,000	99,000	99,000
Affiliation, registration, evaluation etc., Laboratory consumables	ML	1,98,000	1,98,000	1,98,000
Repairs & maintenance	MA	9,00,000	9,00,000	9,00,000
6. Total costs				
TTF = (CHR + CLR + CCS + CIO + CMS) TTF Rs		308,77,826	293,18,909	282,88,794
Tuition Fees TF Rs per student TTF / (SI*D)		85,772	81,441	78,580
Development fees DF Rs per student (0.15*TF)		12,866	12,216	11,787
Total tuition and development fees Rs per student		98,637	93,658	90,367

Norms & Guidelines			2 Yr Post Dip Pharmacy Type X Cities	2 Yr Post Dip Pharmacy Type Y Cities	2 Yr Post Dip Pharmacy Type Z Cities
1. Program details					
Program					
Courses / Divisions	P	No	1	1	1
Program duration	C	No	6	6	6
Total Intake	D	Years	2	2	2
	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1			
Annual salary of Professor	R		20	20	20
Annual salary of Associate Professors	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Assistant Professors	Ss	Rs p.a.	1781616	1687632	1614192
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	Sa	Rs p.a.	989562	928998	888978
Salary of non-teaching staff	So	percent of total faculty salary	10	10	10
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Sn	percent of faculty salary	30	30	30
	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		20	20	20
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	0	0	0
Staff development	Sd	% provision for faculty	10000	10000	10000
Project fund	Fr	per course	30	30	30
			20000	20000	20000
Total No of faculty as per AICTE norms	TF	No	0	0	0
No of Professors	Np	No	18	18	18
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	0	0	0
			18	18	18
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		178,12,116	167,21,964	160,01,604
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		17,81,212	16,72,196	16,00,160
Salary of non-teaching staff	Sn		53,43,635	50,16,589	48,00,481
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		5,34,363	5,01,659	4,80,048

Table 28   Computation of fees for 2 Year Full time Post Diploma Pharmaceutical Program

Norms & Guidelines			2 Yr Post Dip Pharmacy Type X Cities	2 Yr Post Dip Pharmacy Type Y Cities	2 Yr Post Dip Pharmacy Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	200	200	200
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
				0	0
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.	275	275	275
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	550	550	550
Repairs & Maintenance	Ar	per student p.a.	2.500	2500	2500
				0	0
7. Development Fees		as % of tuition fees	15	15	15

Cost estimation worksheet			2 Yr Post Dip Pharmacy Type X Cities	2 Yr Post Dip Pharmacy Type Y Cities	2 Yr Post Dip Pharmacy Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR		256,66,326	241,07,409	230,77,294
Salary for faculty (St+So)	SF		195,93,328	183,94,160	176,01,764
Salary for Non teaching staff (Sn+Si)	SN		58,77,998	55,18,248	52,80,529
Remuneration for Industry Interaction	SV		30,000	30,000	30,000
Fund for Faculty development	FD		45,000	45,000	45,000
Fund for research	FR		1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR		1,33,000	1,33,000	1,33,000
Cost of books	LB		100000	100000	100000
Cost of Journals	LJ		10,000	10,000	10,000
Cost of e-resources	LE		20,000	20,000	20,000
Cost of Newspaper & magazines	LM		1,000	1,000	1,000
Cost of Library Hardware & software	LS		2,000	2,000	2,000
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS		28,01,500	28,01,500	28,01,500
Cost of terminals including operating system	CT		21,00,000	21,00,000	21,00,000
Cost of servers	CS		75,000	75,000	75,000
Cost of printers	CP		60,000	60,000	60,000
Other software (preferred open source software)	CW		3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP		2,23,500	2,23,500	2,23,500
Internet and campus information	CI		18,000	18,000	18,000
Institute website development & maintenance	CW		25,000	25,000	25,000
4. Infrastructure Operational costs	CIO		10,80,000	10,80,000	10,80,000
	CO		10,80,000	10,80,000	10,80,000
5. Miscellaneous Costs (MS+ML+MA)	CMS		11,97,000	11,97,000	11,97,000
Student activities	MS		99,000	99,000	99,000
Afiiliation, registration, evaluation etc., Laboratory consumables	ML		1,98,000	1,98,000	1,98,000
Repairs & maintenance	MA		9,00,000	9,00,000	9,00,000
6. Total costs TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	Rs	308,77,826	293,18,909	282,88,794
Tuition Fees	TF TTF /(SI*D)	Rs per student	85,772	81,441	78,580
Development fees	DF (0.15*TF)	Rs per student	12,866	12,216	11,787
Total tuition and development fees		Rs per student	98,637	93,658	90,367

Table 29   Computation of fees for 2 Year Full time Post Diploma Applied Arts & Crafts Program

Norms & Guidelines			2 Yr Post Dip. App Arts Type X Cities	2 Yr Post Dip App Arts Type Y Cities	2 Yr Post Dip App Arts Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	2	2	2
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1	20	20	20
	R				
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio					
	P		0	0	0
	AP		0	0	0
	AP		20	20	20
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
			0	0	0
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
			0	0	0
Total No of faculty as per AICTE norms	TF	No	18	18	18
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	18	18	18
			0	0	0
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		178,12,116	167,21,964	160,01,604
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		17,81,212	16,72,196	16,00,160
Salary of non-teaching staff	Sn		53,43,635	50,16,589	48,00,481
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		5,34,363	5,01,659	4,80,048

Norms & Guidelines			2 Yr Post Dip App Arts Type X Cities	2 Yr Post Dip App Arts Type Y Cities	2 Yr Post Dip App Arts Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	250	250	250
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	5	5	5
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25,000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous				0	0
Student activities				0	0
Affiliation, registration, evaluation etc & Laboratory consumables	Sa	per student p.a.	275	275	275
Repairs & Maintenance	Lc	per student p.a.	550	550	550
	Ar	per student p.a.	2,500	2500	2500
				0	0
7. Development Fees		as % of tuition fees	15	0	0
				15	15

Cost estimation worksheet

Cost estimation worksheet			2 Yr Post Dip App Arts	2 Yr Post Dip App Arts	2 Yr Post Dip App Arts
			Type X Cities	Type Y Cities	Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CHR				
Salary for faculty (St+So)	SF		256,66,326	241,07,409	230,77,294
Salary for Non teaching staff (Sn+Si)	SN		195,93,328	183,94,160	176,01,764
Remuneration for Industry Interaction	SV		58,77,998	55,18,248	52,80,529
Fund for Faculty development	FD		30,000	30,000	30,000
Fund for research	FR		45,000	45,000	45,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR		1,20,000	1,20,000	1,20,000
Cost of books	LB		1,66,250	1,66,250	1,66,250
Cost of journals	LJ		125000	125000	125000
Cost of e-resources	LE		12,500	12,500	12,500
Cost of Newspaper & magazines	LM		25,000	25,000	25,000
Cost of Library Hardware & software	LS		1,250	1,250	1,250
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS		2,500	2,500	2,500
Cost of terminals including operating system	CT		32,76,700	32,76,700	32,76,700
Cost of servers	CS		25,20,000	25,20,000	25,20,000
Cost of printers	CP		75,000	75,000	75,000
Other software (preferred open source software)	CW		72,000	72,000	72,000
Peripherals, Networking, Add-ons	CP		3,00,000	3,00,000	3,00,000
Internet and campus information	CI		2,66,700	2,66,700	2,66,700
Institute website development & maintenance	CW		18,000	18,000	18,000
4. Infrastructure Operational costs	CIO		25,000	25,000	25,000
	CO		10,80,000	10,80,000	10,80,000
5. Miscellaneous Costs (MS+ML+MA)	CMS		10,80,000	10,80,000	10,80,000
Student activities	MS		11,97,000	11,97,000	11,97,000
Affiliation, registration, evaluation etc., Laboratory consumables	ML		99,000	99,000	99,000
Repairs & maintenance	MA		1,98,000	1,98,000	1,98,000
6. Total costs			9,00,000	9,00,000	9,00,000
TTF = (CHR + CLR + CCS + CIO + CMS)					
Tuition Fees	TTF	Rs	313,86,276	298,27,359	287,97,244
Development fees	TTF / (SI*D)	Rs per student	87,184	82,854	79,992
	DF (0.15*TF)	Rs per student	13,078	12,428	11,999
Total tuition and development fees		Rs per student	1,00,262	95,282	91,991

Table 30   Computation of fees for 2 Year Full time Post Diploma HMCT Program

Norms & Guidelines	Symbol	Unit	2 Yr Post Dip HMCT Type X Cities	2 Yr Post Dip HMCT Type Y Cities	2 Yr Post Dip HMCT Type Z Cities
1. Program details					
Program	P	No	1	1	1
Courses / Divisions	C	No	6	6	6
Program duration	D	Years	2	2	2
Total Intake	SI	No	180	180	180
2. Human resources					
Student faculty ratio as per AICTE norms	SF	X:1			
	R	X:1	20	20	20
Annual salary of Professor	Sp	Rs p.a.	1810056	1714872	1640232
Annual salary of Associate Professors	Ss	Rs p.a.	1781616	1687632	1614192
Annual salary of Assistant Professors	Sa	Rs p.a.	989562	928998	888978
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So	percent of total faculty salary	10	10	10
Salary of non-teaching staff	Sn	percent of faculty salary	30	30	30
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		10	10	10
Cadre ratio	P		0	0	0
	AP		0	0	0
	AP		20	20	20
Industry Institute Interaction sessions	In	per course per year	10	10	10
Expenses per session of Industry Institute Interaction	Sv	Rs	3000	3000	3000
Faculty development	Fd	per person pa for 25% of faculty	10000	10000	10000
Staff development	Sd	% provision for faculty	30	30	30
Project fund	Fr	per course	20000	20000	20000
Total No of faculty as per AICTE norms	TF	No	18	18	18
No of Professors	Np	No	0	0	0
No of Associate Professors	Nr	No	0	0	0
No of Assistant Professors	Na	No	18	18	18
Salary of faculty (Np*Sp+Nr*Sr+Na*sa)	St		178,12,116	167,21,964	160,01,604
Other benefits like LTC, Medical, insurance etc. benefits (Faculty)	So		17,81,212	16,72,196	16,00,160
Salary of non-teaching staff	Sn		53,43,635	50,16,589	48,00,481
Other benefits like LTC, Medical, insurance etc. benefits (Non teaching staff)	Si		5,34,363	5,01,659	4,80,048

Norms & Guidelines			2 Yr Post Dip HMCT Type X Cities	2 Yr Post Dip HMCT Type Y Cities	2 Yr Post Dip HMCT Type Z Cities
3. Learning Resources				0	0
No of technical books required as per Norms	Nt	per course	250	250	250
Average cost of technical book	Cb	Rs	500	500	500
Library Journals	Lj	as percent of cost of books	10	10	10
e-resources	Le	as percent of cost of books	20	20	20
Newspaper & magazines	Lm	as percent of cost of books	1	1	1
Hardware and Software	Ls	as percent of e resources	10	10	10
4. Computers				0	0
No of terminals required as per Norms	Nc	1:X	6	6	6
Average cost of PC inclusive of Operating software	Cp	Rs	35,000	35000	35000
No of servers	Ns	No per course	1	1	1
Average cost of each server	Sc	Rs	75,000	75000	75000
No of printers	Np	No per 100 terminals	10	10	10
Average cost of each printer	Cp.	Rs	10,000	10000	10000
Average Cost of Other software (preferred open source software)	CS	Rs per course over course duration	50,000	50000	50000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals+servers	10	10	10
Internet and campus information	Ci	Rs per user pm	50	50	50
Institute website development & maintenance	Wd	Rs lumpsum	25.000	25000	25000
5. Infrastructure operational costs				0	0
Operational costs	Oc	per student p.a.	3,000	3,000	3,000
6. Miscellaneous				0	0
Student activities	Sa	per student p.a.		0	0
Affiliation, registration, evaluation etc & Laboratory consumables	Lc	per student p.a.	275	275	275
Repairs & Maintenance	Ar	per student p.a.	550	550	550
		per student p.a.	2,500	2500	2500
				0	0
7. Development Fees		as % of tuition fees	15	15	15

Norms & Guidelines		2 Yr Post Dip HMCT Type X Cities	2 Yr Post Dip HMCT Type Y Cities	2 Yr Post Dip HMCT Type Z Cities
1. Cost of Human resources (SF+SN+SV+FD+FR)	CH	256,66,326	241,07,409	230,77,294
	R			
Salary for faculty (St+So)	SF	195,93,328	183,94,160	176,01,764
Salary for Non teaching staff (Sn+Si)	SN	58,77,998	55,18,248	52,80,529
Remuneration for Industry Interaction	SV	30,000	30,000	30,000
Fund for Faculty development	FD	45,000	45,000	45,000
Fund for research	FR	1,20,000	1,20,000	1,20,000
2. Cost of Learning resources (LB+LJ+LE+LM+LS)	CLR	1,66,250	1,66,250	1,66,250
Cost of books	LB	125000	125000	125000
Cost of Journals	LJ	12,500	12,500	12,500
Cost of e-resources	LE	25,000	25,000	25,000
Cost of Newspaper & magazines	LM	1,250	1,250	1,250
Cost of Library Hardware & software	LS	2,500	2,500	2,500
3. Cost of Computers (CT+CS+CP+CW+CP+CI+CW)	CCS	28,01,500	28,01,500	28,01,500
Cost of terminals including operating system	CT	21,00,000	21,00,000	21,00,000
Cost of servers	CS	75,000	75,000	75,000
Cost of printers	CP	60,000	60,000	60,000
Other software (preferred open source software)	CW	3,00,000	3,00,000	3,00,000
Peripherals, Networking, Add-ons	CP	2,23,500	2,23,500	2,23,500
Internet and campus information	CI	18,000	18,000	18,000
Institute website development & maintenance	CW	25,000	25,000	25,000
4. Infrastructure Operational costs	CIO	10,80,000	10,80,000	10,80,000
	CO	10,80,000	10,80,000	10,80,000
5. Miscellaneous Costs (MS+ML+MA)	CM	11,97,000	11,97,000	11,97,000
Student activities	MS	99,000	99,000	99,000
Affiliation, registration, evaluation etc., Laboratory consumables	ML	1,98,000	1,98,000	1,98,000
Repairs & maintenance	MA	9,00,000	9,00,000	9,00,000
6. Total costs TTF = (CHR + CLR + CCS + CIO + CMS)	TTF	309,11,076	293,52,159	283,22,044
Tuition Fees (SI*D)	TTF / TF	Rs per student 85,864	Rs per student 81,534	Rs per student 78,672
Development (0.15*TF)	fees DF	Rs per student 12,880	Rs per student 12,230	Rs per student 11,801
Total tuition and development fees		Rs per student 98,744	Rs per student 93,764	Rs per student 90,473