

**Report of the Sub-Committee**  
for Review of Comments on NFC Report Received from Different States / UTs  
Constituted by AICTE vide F No 3-16/P&AP/Fee.Com/2020 dated 02.12.2021

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<b>1.0</b>	<b>Introduction</b>
	<p>AICTE had constituted a Committee under the Chairmanship of Justice Shri. Shrikrishna, Former Justice, SCI to review existing fees structure and to fix norms and guidelines for charging tuition and other fees. The Committee submitted its report in August 2021. The same was circulated to different states and Union territories for their views.</p> <p>AICTE vide its Circular F No 3-16/P&amp;AP/Fee.Com/2020 dated 02.12.2021 has constituted a sub-committee of following members for reviewing comments received from different States / UTs.</p> <ul style="list-style-type: none"> <li>- Dr M K Tiwari, Director, NITIE, Mumbai, Chairman</li> <li>- Prof V M Topkar, Former Prof &amp; Dy. Director, VJTI, Mumbai</li> <li>- Prof Sandeep Sancheti, VC (Provost), Marwadi University, Rajkot</li> <li>- Dr Pradeep C. Bhaskar, Asst Director, P&amp;AP, AICTE</li> </ul> <p>The terms of Reference for the Committee are:</p> <ul style="list-style-type: none"> <li>- To review the comments on National Fee Committee (NFC) report August 2021 received from different States / UTs</li> <li>- To revisit the high fees charged in Design, Applied Arts &amp; Crafts programmes</li> <li>- To recommend possible changes based on the inputs received from States / UTs</li> </ul>

<b>2.0</b>	<b>Comments received from States / UTs</b>
	<p>AICTE has received comments from following States / UTs:</p> <ul style="list-style-type: none"> <li>- Andhra Pradesh</li> <li>- Goa</li> <li>- Gujrat</li> <li>- Haryana</li> <li>- Himachal Pradesh</li> <li>- Karnataka</li> <li>- Kerala</li> <li>- Madhya Pradesh</li> <li>- Maharashtra</li> <li>- Telangana</li> <li>- Uttar Pradesh</li> </ul>

<b>3.0</b>	<b>Concerns and Observations</b>
	<p>The Sub-committee has gone through the comments received. Many of the concerns raised by various States and UTs are similar in nature. The concerns raised and the Sub-committee observations are detailed in this section.</p> <p>The concerns raised by the States are listed as ‘C’, the provisions related to these concerns included in the National Fees Committee Report of August 2021 (herein after referred as ‘NFC 2021’) are listed as ‘N’ and the Sub-Committee observations / suggestions are mentioned under ‘S’.</p>

<b>3.1</b>	C	<i>Many of the technical Institutes, fees fixed by the State regulator for various programs are below the minimum threshold fixed by the NFC.</i>
	N	<p>The NFC 2021 (9.3) clearly indicates the assumptions made to determine a band of minimum and maximum fees. The minimum fees are determined considering partial regular faculty, provision for contractual and adjunct faculty to satisfy AICTE norms, VII pay commission scale with no DA, TRA and HRA for regular faculty and no provision for desirable requirements as mentioned in AICTE Approval Process handbook.</p> <p>The report also states that, no Institute will be able to offer the quality education at lower costs than the prescribed fees unless it can finance the deficit through other resources without compromising standards and quality of education. Institutes can be allowed to do so with complete disclosure to the state fee regulator.</p>
	S	<p>The minimum fees thus provide for the compensation for the minimum expenditure that an Institute will have to make to maintain minimum level of Infrastructure and Human resources. It is expected that the human resources are also paid salaries at least at the minimum level of scales.</p> <p>The Committee also has made it clear that, the Institute managements or State Governments can offer concessions to the students in the fees considering social and economical backgrounds. However, the Sub-committee reiterates that the Institute management needs to be provided enough funds to meet the deficit through other sources for which complete disclosure has to be made.</p>

<b>3.2</b>	C	<i>Many states have their own Acts for Regulation of Admissions and Fees for professional Institutes whereas some states have issued guidelines to the State fee regulatory authorities for the procedures to be followed.</i>
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	N	<p>The NFC 2021 (9.7.1) has recommended that MHRD / AICTE shall issue Guidelines for verification of the expenditure made by the Institute and to confirm that the Institutes are maintaining the standards as prescribed by AICTE / UGC / University and such other Authorities through State level fee regulatory authority.</p>
	S	<p>Sub-committee reiterates the need of such Guidelines to bring uniformity in fees determination across the country. States may be requested to make amendments to their Acts or guidelines issues for this purpose to incorporate these guidelines.</p>

<b>3.3</b>	C	<p><i>Some States are doing admissions through two different channels and fees payable by the students through these two different channels are different.</i></p>
	N	<p>The NFC 2021 (9.6.1) has recommended that fees applicable to all students in a class shall be same and no such differential fees structure be allowed except for FN/NRI/OCI students as mentioned elsewhere in that report.</p> <p>It also states that State Governments shall formulate policies and put in place mechanisms to reimburse the students part / full fees as necessary.</p>
	S	<p>This Sub-committee can not comment on the procedures adopted for admissions to the professional programmes by various states. However, it would reiterate that if the State governments wish to provide few students concession in fees or full tuition waiver, the amount of minimum fees payable by every student of a class should be reimbursed to the Institute to maintain certain minimum standards as prescribed by AICTE and quality of education.</p> <p>It should also be pointed out that in a previous Supreme court judgment it had struck down the method of providing cross-subsidy by charging higher fees for some students in a class and charging lesser fees for others in the same class.</p>

3.4	C	<p><i>As per recommendation 11.0 the State Fee Regulatory Committees have been asked to look into the actual expenditure made by institute during the previous years (average of 3 years) and fix the fee payable.</i></p> <p><i>These recommendations may result in causing anomaly in fixation of fee as the projected expenses for the coming 2 years in addition to actual expenditure of previous 3 years help in assessing the actual cost of the institute in the coming years like revision of pay, D.A, increase in operational expenses etc.</i></p>
	N	<p>The NFC 2021 (11.0) has recommended that the State level fees regulatory committees will look into the actual expenditure made by an Institute during previous years (average of 3 years) and fix the fees payable.</p> <p>The NFC 2021 (9.7.1) also has recommended that MHRD / AICTE shall issue Guidelines for verification of the expenditure made by the Institute</p>
	S	<p>As the fees are to be determined for upcoming batches, expected expenditure in future needs to be taken into consideration. The Sub-committee agrees that expenditure of previous years and projected expenditure for further two years can be considered to determine fees.</p> <p>The guidelines and the Acts of different states are expected to accommodate these changes to bring in the clarity on heads of expenses to be covered, acceptable documents for expenditure and projections and number of years to be considered.</p>

3.5	C	<p><i>Fixation of minimum and maximum fees should not come in the way of some of the professional educational institutions which want to excel in imparting qualitative education in professional courses of high standards for which they may need to enhance the fee structure to suit their requirements. Such cases need to be considered as special cases.</i></p>
	N	<p>The NFC 2021 (11.0) states that the regulatory committee will certify fees chargeable by an Institute within the band provided by this Committee. If the regulator prescribes fees outside the band (lesser than the minimum or higher than the maximum) it should provide reasons thereof in writing.</p> <p>It further states (9.4.1) that the Institute, which has got accreditation from appropriate authority can charge a maximum of 25% additional tuition fees than prescribed maximum fee for the undergraduate degree program in Engineering &amp; Technology and a maximum of 10% additional tuition fees than prescribed maximum fees for other programmes.</p>

	S	<p>Sub-committee observes that provision of higher fees than maximum fees for Autonomous and / or Accredited Institutes / programs is already made by the NFC 2021. The report also states that Regulatory authority can give approval for higher than the maximum fees by giving reasons thereof.</p> <p>The Sub-committee feels that as per this provision if the fees regulator is convinced that the higher expenditure made by the Institute is specifically to improve the standard of teaching - learning and research in an Institute and not just to have fancy infrastructure and other schemes, same can be considered and the details be provided for public scrutiny.</p>
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3.6	C	<p><i>The paying capacity of the students is also an important element in arriving at a reasonable fee. If the fee as prescribed by NFC is implemented, it will put immediate financial burden not only on the students and their parent but even reimbursement authority.</i></p>
	N	<p>The NFC 2021 has pointed out 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.</p> <p>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.</p>
	S	<p>Sub-Committee reiterates that if the standards are to be maintained, certain minimum funds are necessary. As most of the academic Institutes have fees as the only source of income, they need to charge the minimum fees to recover the expenditure and this fee is the reasonable fee necessary for the survival of the Institute.</p> <p>The State governments and the Institutes need to arrange for scholarships from other sources like industries and trusts, government subsidy, easy educational loans from financial institutes etc. for the students.</p>

3.7	C	<p><i>Certain colleges are not interested in getting very high fee, as they apprehend that if the fee is high, students may not join the college.</i></p>
	N	<p>NFC 2021 (9.3) states that no Institute will be able to offer the quality education at lower costs than the prescribed fees unless it can finance the deficit through other resources without compromising standards and quality of education. Institutes can be allowed to do so with complete disclosure to the state fee regulator.</p>

		<p>NFC 2021 also states (11.0) that the regulatory committee will certify fees chargeable by an Institute within the band provided by this Committee. If the regulator prescribes fees outside the band (lesser than the minimum or higher than the maximum) it should provide reasons thereof in writing.</p> <p>It also mentions (11.0) that AICTE should establish a robust inspection mechanism to ensure that the Institutes meet the norms and standards prescribed by it from time to time. Further, AICTE shall pro-actively initiate actions as necessary for violation of any norms and standards by any Institute to ensure compliance and better consequence management.</p>
	S	<p>The Sub-committee is aware of such practice. However, it is obvious that if the Institute is running the Institute with lesser fees than the minimum fees mentioned by the NFC 2021 without funding the programs through other resources, Institute is not adhering to the minimum standards prescribed by the AICTE.</p> <p>The Sub-committee recommends that AICTE should develop a robust mechanism to ensure compliance to minimum standards prescribed irrespective of fees charged and financial autonomy enjoyed.</p>

<b>3.8</b>	C	<p><i>As per Clause 9.7.4 of the report, there is a proposal for 5% increase in the fee every year from the student joining the course i.e. he has to pay enhanced fee for the 2<sup>nd</sup>, 3<sup>rd</sup> &amp; 4<sup>th</sup> year. It would be desirable to have a uniform fee for all the 4 years.</i></p>
	N	<p>The NFC 2021 states (9.7.4) In case, due to procedural reasons, if regulatory authorities do not review / revise the fees for an Institute for year/s, the Institute can charge fees with escalation @ 5% p.a.</p> <p>Any revision in the fees will be applicable only to new entrants to the programme.</p>
	S	<p>It seems that the provision stated in NFC 2021 in 9.7.4 is misunderstood. The regulatory authority can go through the documents and approve fees chargeable for every new batch. However, considering large number of Institutes in many states, there would be procedural delays, and fees will not be reviewed every year.</p> <p>The provision is for such delays. Institutes can charge the increased fees as proposed only to students of next batch.</p> <p>In the interest of the students, the fee regulatory authorities should review and approve the fees every year. Delay in approvals will lead to hardship on the part of the students as Institutes may</p>

		not refund difference in fees charged and approved / Institutes may demand additional payment towards difference in fees charges and approved.
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<b>3.9</b>	C	<i>Whether the institutions are justified in collecting deposit or caution money from the students is very serious issue pending before the Hon'ble High Court of Gujarat for its decision.</i>
	N	NFC 2021 has provided (9.2) for charging maximum of Rs 5000 as Caution money deposit
	S	Collecting deposits towards library and caution money is standard practice in academic Institutes at all levels.  However, if the matter is sub-judice, the Sub-committee doesn't want to comment on this.

<b>3.10</b>	C	<i>Consider the application of the recommendations to Deemed to be Universities which function on par with the Private Universities and have both technical and non-technical course/programs varying for a period of one to five years.</i>
	N	NFC 2021 report states (9.1.4) that State level Fees regulatory Committees are currently competent to fix fees for only following types of Institutes: University Affiliated self-financing Institutes (autonomous / non-autonomous) and Institutions deemed to be University. It is recommended that the fees for programs run by the above-mentioned Institutes shall be within the band determined by this Committee.
	S	NFC is constituted by AICTE to decide minimum and maximum fees for Institutes which need approvals for starting Institutes to offer certain professional programs in those Institutes. The Sub-committee recommends that AICTE can make the recommendations of NFC applicable to all the Institutes which come under their purview.

<b>3.11</b>	C	<i>The State Government be excluded to reimburse the fees of students admitted in private universities in view of complete autonomy provided in the matter of admission and charging of fees.</i>
	S	No institution cannot enjoy full autonomy in the matter of admissions and charging of fees as of today. Reimbursement of fees for certain category of students is a matter of policy decision of each State Government. Further, this Sub-committee cannot comment on any such policy and cannot make any recommendation applicable across the country as the situation differs from one State to other.



3.12	C	<i>There is a need to fix penalty charges in order to stop commercialisation of technical education. It may be minimum Rs. 5.0 lakh &amp; maximum Rs. 25.0 lakh for Degree Colleges and minimum Rs 5.0 Lakh and Maximum Rs 10 Lakh for Diploma Level institution.</i>
	S	The NFC has no mandate to suggest or fix any such penalty charges. AICTE in its Approval Process Handbook has made provisions for penal action for violations of the regulations / approval process handbook. Further, the state government approvals or NoCs or Acts also cover such aspects, and if not, they can be incorporated by the state Governments themselves.

3.13	C	<i>The higher fees collected from supernumerary quota (FN/NRI/OCI) students should be utilised within 3 to 5 years for institutional development and creating infrastructure facilities of international standard.</i>
	N	NFC 2021 states (9.4.2) that higher tuition fees can be charged to students admitted under categories of FN, NRIs and OCI. The fees so collected shall be utilized for further Institution development.
	S	The Sub-committee recommends that above suggestion be included in the NFC Report.

3.14	C	<i>The Committee may consider notifying the Districts through the country into three categories as X, Y and Z at par with the classification made by central government vide office memorandum dated 21/7/2020 issued by the Ministry of Finance, Union of India for the purpose of payment of House rent allowances to the employee of central government. Depending upon the location of the institute / college, in said three categories, the band of fees i.e. maximum, intermediate and lower be made applicable to institution with such District.</i>
	N	The NFC 2021 has provided a band of minimum and maximum fees. The report also states that applicability of allowances (DA, HRA and Transport) is not uniform across the states.
	S	Since the payments of allowances is not in sync with the Central Government in all the states, the NFC 2021 has recommended only minimum and maximum fees to cover all categories of the cities / villages. Fee Regulatory Authorities are expected to look at applicability of the allowances etc. as per local conditions and fix fees within this band. The Sub-committee feels that there is no necessity of working out a band of maximum, intermediate and minimum fees with respect to three categories of cities as X, Y and Z.

<b>4.0</b>	<b>High fees recommended for Planning, Design, Applied Arts &amp; Crafts programmes</b>
	<p>The NFC has worked out minimum and maximum fees for all professional programmes by considering Norms and Standards prescribed by AICTE in its Approval Process Handbook 2020-2021.</p> <p>For the programmes of Planning, Design and Applied Arts &amp; Crafts, the required faculty student ratio is higher than other professional programmes, and permitted intake is limited to only 60, 90 and 180, per student fees for these programmes works out to be quite high.</p> <p>Sub - committee suggests / recommends that since these programmes require more inputs from professionals experienced in the field, provision may be made for lesser faculty student ratio and a higher percentage of adjunct faculty.</p> <p>Further, if felt essential, AICTE may consult experts in the specific fields to relook into the minimum norms and standards indicated for these programmes</p>

<b>5.0</b>	<b>Revision of Faculty Student Ratio and the Minimum and Maximum fees for the programs</b>
	<p>5.0 AICTE has now communicated that the Board of Applied Art, Crafts and Design has recommended the faculty-student ratio of 1:15 for both UG and PG related to Applied Arts and Crafts and for Design domains. In view of the revised ratio, following the norms and methodology stated by NFC Report of 2021, the minimum and maximum fees for these programs works out as mentioned in the following Tables and the relevant working sheets are enclosed as Tables A, B, C and D.</p>

Table showing fees as recommended in the NFC Report 2021

UG Degree				
	Applied arts & crafts	4	1,49,300	3,67,900
	Design	4	1,33,500	3,30,500
PG Degree				
	Applied arts & crafts	2	2,20,200	4,49,900
	Design	2	2,63,500	5,57,100

**Table showing revised fees recommended in view of the revised Faculty student ratio of 1:15.**

Level	Program	Duration in years	Minimum	Maximum
UG Degree				
A	Applied arts & crafts	4	1,10,600	2,53,200
B	Design	4	94,600	2,25,700
PG Degree				
C	Applied arts & crafts	2	1,48,300	3,07,000
D	Design	2	1,55,400	3,14,300

**Table A. Working sheets for computation of fees - Applied Arts & Crafts - Degree / 4 Years (Sheet 1/5)**

Program		App Arts & Crafts		
Level & Duration in Years		Degree / 4 Years		
		Minimum	Maximum	
Faculty student ratio	FSR	1:15	1:15	
Percent of Adjunct faculty	Pa	10%	0	
Percent of contractual faculty	Pc	20%	0	
Desirables complied	Df	No	Yes	
Salary		Basic entry level	Average salary	
		No allowances	Max Allowances	
<b>Summary Totals</b>				
Total cost of Human Resources	CHR	3,84,27,632	9,76,79,572	
Total cost of Learning Resources	CLR	17,26,875	17,26,875	
Total cost of IT Infrastructure	CII	23,37,496	24,80,056	
Total Infrastructure Operational Costs	CIO	18,00,000	18,00,000	
Miscellaneous Costs	CMI	18,84,000	20,04,000	
Total Costs		4,61,76,003	10,56,90,503	
Tuition Fees per student	TutF	96,200	2,20,189	
Development fee per student	DevF	14,430	33,028	
Total fees per annum per student	TotF	1,10,600	2,53,200	

**Table A. Working sheets for computation of fees - Applied Arts & Crafts - Degree / 4 Years (Sheet 2/5)**

Program			App Arts & Crafts	
			Degree / 4 Years	
Level & Duration in Years			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	4	4
Sanctioned intake per division	SI	No.	40	40
Total students for the entire program	ST	No.	480	480
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	15	15
Cadre ratio		Lecturer	6	6
		HoD	2	2
			1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		32	32
Cadre-wise required no of faculty			32	32
No of adjunct faculty	AF	percent of TF	3	0
No of contractual faculty	CF	percent of TF	6	0
Regular Assistant Professors	RL		17	21
Regular Associate Professors	RA		3	7
Regular Professors	RP		3	4
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

**Table A. Working sheets for computation of fees - Applied Arts & Crafts - Degree / 4 Years (Sheet 3/5)**

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	500	500
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC incl of Operating s/w	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

**Table A. Working sheets for computation of fees - Applied Arts & Crafts - Degree / 4 Years (Sheet 4/5)**

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		2,16,92,400	6,81,46,554
Salary of non-teaching staff	SN		65,07,720	2,04,43,966
Salary of contractual & adjunct faculty	SA		72,00,000	-
Cost of other benefits	SO		28,20,012	88,59,052
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		57,500	80,000
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		3,84,27,632	9,76,79,572
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		11,25,000	11,25,000
Library Journals	CJ		2,81,250	2,81,250
e-resources	CE		2,81,250	2,81,250
Newspaper & magazines	CN		11,250	11,250
Hardware and Software	CH		28,125	28,125
Total cost of Learning Resources	CLR		17,26,875	17,26,875

**Table A. Working sheets for computation of fees - Applied Arts & Crafts - Degree / 4 Years (Sheet 5/5)**

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		13,59,600	14,78,400
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		22,176	22,176
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		3,01,620	3,25,380
Cost of internet & intranet	CI		25,600	25,600
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		23,37,496	24,80,056
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		18,00,000	18,00,000
Total Infrastructure Operational Costs	CIO		18,00,000	18,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		3,48,000	3,48,000
Cost of affiliation, approvals etc.	CA		48,000	48,000
Cost of repair, maintenance	CR		14,88,000	14,88,000
Cost of desirables	CD		-	1,20,000
Miscellaneous Costs	CMI		18,84,000	20,04,000

**Table B. Working sheets for computation of fees - Design - Degree / 4 Years (Sheet 1/5)**

<b>Program</b>		<b>Design</b>	
<b>Level &amp; Duration in Years</b>		<b>Degree / 4 Years</b>	
		<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR	1:15	1:15
Percent of Adjunct faculty	Pa	20%	10
Percent of contractual faculty	Pc	20%	0
Desirables complied	Df	No	Yes
Salary		Basic entry level	Average salary
		No allowances	Max Allowances
<b>Summary Totals</b>			
Total cost of Human Resources	CHR	3,87,77,860	10,68,18,344
Total cost of Learning Resources	CLR	28,78,125	28,78,125
Total cost of IT Infrastructure	CII	31,00,880	32,90,960
Total Infrastructure Operational Costs	CIO	22,50,000	22,50,000
Miscellaneous Costs	CMI	23,55,000	25,05,000
Total Costs		4,93,61,865	11,77,42,429
Tuition Fees per student	TutF	82,270	1,96,237
Development fee per student	DevF	12,340	29,436
Total fees per annum per student	TotF	94,600	2,25,700



**Table B. Working sheets for computation of fees - Design - Degree / 4 Years (Sheet 2/5)**

Program			Design	
	Level & Duration in Years		Degree / 4 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	5	5
Program duration	D	Years	4	4
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	600	600
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	15	15
Cadre ratio		Lecturer	6	6
		HoD	2	2
			1	1
Percentage of adjunct faculty	Pa		20	10
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		40	40
Cadre-wise required no of faculty			40	40
No of adjunct faculty	AF	percent of TF	8	4
No of contractual faculty	CF	percent of TF	8	0
Regular Assistant Professors	RL		23	27
Regular Associate Professors	RA		1	7
Regular Professors	RP		0	2
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

**Table B. Working sheets for computation of fees - Design - Degree / 4 Years (Sheet 3/5)**

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	500	500
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC incl of Operating s/w	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

**Table B. Working sheets for computation of fees - Design - Degree / 4 Years (Sheet 4/5)**

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,75,02,000	7,17,75,066
Salary of non-teaching staff	SN		52,50,600	2,15,32,520
Salary of contractual & adjunct faculty	SA		1,34,40,000	38,40,000
Cost of other benefits	SO		22,75,260	93,30,759
Cost of Industry Institute Interaction	SI		1,50,000	1,50,000
Cost of Faculty development	SD		60,000	90,000
Research fund	SS		1,00,000	1,00,000
Total cost of Human Resources	CHR		3,87,77,860	10,68,18,344
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		18,75,000	18,75,000
Library Journals	CJ		4,68,750	4,68,750
e-resources	CE		4,68,750	4,68,750
Newspaper & magazines	CN		18,750	18,750
Hardware and Software	CH		46,875	46,875
Total cost of Learning Resources	CLR		28,78,125	28,78,125

**Table B. Working sheets for computation of fees - Design - Degree / 4 Years (Sheet 5/5)**

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		16,36,800	17,95,200
Cost of servers	CS		2,47,500	2,47,500
Cost of printers	CP		27,720	27,720
Cost of software	CS		7,50,000	7,50,000
Cost of peripherals, networking etc.	CN		3,76,860	4,08,540
Cost of internet & intranet	CI		32,000	32,000
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		31,00,880	32,90,960
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		22,50,000	22,50,000
Total Infrastructure Operational Costs	CIO		22,50,000	22,50,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		4,35,000	4,35,000
Cost of affiliation, approvals etc.	CA		60,000	60,000
Cost of repair, maintenance	CR		18,60,000	18,60,000
Cost of desirables	CD		-	1,50,000
Miscellaneous Costs	CMI		23,55,000	25,05,000

**Table C. Working sheets for computation of fees - App Arts & Crafts – PG Degree / 2 Years (Sheet 1/5)**

<b>Program</b>			<b>App Arts &amp; Crafts</b>	
<b>Level &amp; Duration in Years</b>			<b>PG Degree / 2 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:15	1:15
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		1,99,50,432	4,46,91,770
Total cost of Learning Resources	CLR		3,45,375	3,45,375
Total cost of IT Infrastructure	CII		15,34,446	15,81,966
Total Infrastructure Operational Costs	CIO		6,75,000	6,75,000
Miscellaneous Costs	CMI		7,06,500	7,51,500
Total Costs			2,32,11,753	4,80,45,611
Tuition Fees per student	TutF		1,28,954	2,66,920
Development fee per student	DevF		19,343	40,038
Total fees per annum per student	TotF		1,48,300	3,07,000

**Table C. Working sheets for computation of fees - App Arts & Crafts – PG Degree / 2 Years (Sheet 2/5)**

Program			App Arts & Crafts	
	Level & Duration in Years		PG Degree / 2 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	180	180
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	15	15
Cadre ratio		Asst Prof	1	1
		Asso Professor	1	1
		Professor	1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		12	12
Cadre-wise required no of faculty			12	12
No of adjunct faculty	AF	percentage of TF	1	-
No of contractual faculty	CF	percentage of TF	2	-
Regular Assistant Professors	RL		3	4
Regular Associate Professors	RA		2	4
Regular Professors	RP		4	4
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

**Table C. Working sheets for computation of fees - App Arts & Crafts – PG Degree / 2 Years (Sheet 3/5)**

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	100	100
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

**Table C. Working sheets for computation of fees - App Arts & Crafts – PG Degree / 2 Years (Sheet 4/5)**

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,21,52,400	3,11,27,112
Salary of non-teaching staff	SN		36,45,720	93,38,134
Salary of contractual & adjunct faculty	SA		24,00,000	-
Cost of other benefits	SO		15,79,812	40,46,525
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		22,500	30,000
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		1,99,50,432	4,46,91,770
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		2,25,000	2,25,000
Library Journals	CJ		56,250	56,250
e-resources	CE		56,250	56,250
Newspaper & magazines	CN		2,250	2,250
Hardware and Software	CH		5,625	5,625
Total cost of Learning Resources	CLR		3,45,375	3,45,375



**Table C. Working sheets for computation of fees - App Arts & Crafts – PG Degree / 2 Years (Sheet 5/5)**

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		7,12,800	7,52,400
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		11,286	11,286
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		1,72,260	1,80,180
Cost of internet & Intranet	CI		9,600	9,600
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		15,34,446	15,81,966
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		6,75,000	6,75,000
Total Infrastructure Operational Costs	CIO		6,75,000	6,75,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		1,30,500	1,30,500
Cost of affiliation, approvals etc.	CA		18,000	18,000
Cost of repair, maintenance	CR		5,58,000	5,58,000
Cost of desirables	CD		-	45,000
Miscellaneous Costs	CMI		7,06,500	7,51,500

**Table D. Working sheets for computation of fees - Design – PG Degree / 2 Years (Sheet 1/5)**

<b>Program</b>			<b>Design</b>	
<b>Level &amp; Duration in Years</b>			<b>PG Degree / 2 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:15	1:15
Percent of Adjunct faculty	Pa		20%	10
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		1,00,33,900	2,24,20,885
Total cost of Learning Resources	CLR		3,45,375	3,45,375
Total cost of IT Infrastructure	CII		10,88,403	11,20,083
Total Infrastructure Operational Costs	CIO		3,37,500	3,37,500
Miscellaneous Costs	CMI		3,53,250	3,75,750
Total Costs			1,21,58,428	2,45,99,593
Tution Fees per student	TutF		1,35,094	2,73,329
Development fee per student	DevF		20,264	40,999
Total fees per annum per student	TotF		1,55,400	3,14,300

**Table D. Working sheets for computation of fees - Design – PG Degree / 2 Years (Sheet 2/5)**

Program			Design	
			PG Degree / 2 Years	
Level & Duration in Years			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	15	15
Total students for the entire program	ST	No.	90	90
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	15.0	15.0
Cadre ratio		Asst Prof	1	1
		Asso Professor	1	1
		Professor	1	1
Percentage of adjunct faculty	Pa		20	10
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		6	6
Cadre-wise required no of faculty			6	6
No of adjunct faculty	AF	percentage of TF	1	-
No of contractual faculty	CF	percentage of TF	1	-
Regular Assistant Professors	RL		1	2
Regular Associate Professors	RA		1	2
Regular Professors	RP		2	2
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

**Table D. Working sheets for computation of fees - Design – PG Degree / 2 Years (Sheet 3/5)**

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	100	100
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

**Table D. Working sheets for computation of fees - Design – PG Degree / 2 Years (Sheet 4/5)**

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		57,30,000	1,55,63,556
Salary of non-teaching staff	SN		17,19,000	46,69,067
Salary of contractual & adjunct faculty	SA		16,80,000	-
Cost of other benefits	SO		7,44,900	20,23,262
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		10,000	15,000
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		1,00,33,900	2,24,20,885
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		2,25,000	2,25,000
Library Journals	CJ		56,250	56,250
e-resources	CE		56,250	56,250
Newspaper & magazines	CN		2,250	2,250
Hardware and Software	CH		5,625	5,625
Total cost of Learning Resources	CLR		3,45,375	3,45,375

**Table D. Working sheets for computation of fees - Design – PG Degree / 2 Years (Sheet 5/5)**

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		3,49,800	3,76,200
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		5,643	5,643
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		99,660	1,04,940
Cost of internet & Intranet	CI		4,800	4,800
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		10,88,403	11,20,083
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		3,37,500	3,37,500
Total Infrastructure Operational Costs	CIO		3,37,500	3,37,500
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		65,250	65,250
Cost of affiliation, approvals etc.	CA		9,000	9,000
Cost of repair, maintenance	CR		2,79,000	2,79,000
Cost of desirables	CD		-	22,500
Miscellaneous Costs	CMI		3,53,250	3,75,750

Report of the Committee  
Constituted by AICTE under the Chairmanship of  
Justice Shri. Srikrishna, Former Justice, Supreme Court of India  
To Review the Existing Fee Structure and to Fix Norms and  
Guidelines for Charging Tuition and Other Fees

AUGUST 2021

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<b>1.0</b>	<b>Background</b>
	<p>All India Council for Technical Education (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.</p> <p>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.</p> <p>For the purpose of performing its function under this Act, in addition to other functions, the council may-</p> <p>10(j) “fix norms and guidelines for charging tuition and other fees”</p> <p>10(n) “ take necessary steps to prevent commercialization of technical education”</p> <p>The Competent Authority of AICTE in terms of AICTE ACT Section 2(g) had constituted a Committee earlier in 2014 under the Chairmanship of Justice Srikrishna for determining Fees for various professional programs. The Committee submitted its report prescribing maximum fees that can be charged for various professional programs and also provided guidelines for State level Fees Regulatory committees for fixing fees chargeable by individual Institutes taking into consideration actual expenditure by the respective Institutes in previous years. After acceptance of this report by MHRD, AICTE prescribed the fees recommended by the Committee as the maximum fees chargeable for various professional programs through its Approval Process Handbook.</p> <p>The Committee has stated that the fees as prescribed shall be applicable for next five years. Meanwhile, some of the Institutes and Associations of Private Professional colleges approached to AICTE for prescribing minimum fees for professional courses. AICTE has formed a Committee under the Chairmanship of Justice Shri Srikrishna to review its earlier recommendations.</p>

<b>2.0</b>	<b>Composition of the Present Committee and its Terms of Reference</b>
	<p>Composition of the Current Committee formed by the Competent Authority at AICTE vide its Circular dated 29.10.2020 is as under:</p> <ul style="list-style-type: none"> <li>• Justice Srikrishna, (Former Judge, Supreme Court of India), Chairman</li> <li>• Prof Raghunath K Shevgaonkar, Former Director, IIT, Delhi</li> <li>• Shri Navin Mittal, IAS, Commissioner, Higher &amp; Technical Education, Telangana</li> <li>• Prof S K Kak, Former Vice Chancellor, Jaypee University</li> <li>• Prof V M Topkar, Former Professor &amp; Dy Director, VJTI, Mumbai</li> <li>• Dr S D Agashe, Professor, Instrumentation &amp; Control, CoE, Pune</li> <li>• Smt Darshana M Dabral, Joint Secretary &amp; Financial Advisor, MoE, GoI</li> <li>• Shri B S Jain, Chartered Accountant</li> <li>• Prof Dileep N Malkhede, Adviser-I, P &amp; AP Bureau, AICTE</li> </ul> <p>The terms of reference of the Committee are as under:</p> <ul style="list-style-type: none"> <li>• Review the existing fee structure.</li> <li>• Study the request received from different stakeholders including legal cases related to fee regulation.</li> <li>• To fix norms and guidelines for charging tuition and other fees with minimum and maximum limit of fees for the students of technical institutions.</li> <li>• 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.</li> <li>• To examine the issue of exemption of fees to SC/ST Students.</li> <li>• Any other issues, if required, which may evolve out of discussion, as decided by the Chairman and other members.</li> </ul>

<b>3.0</b>	<b>Methodology of the Committee</b>
	<p>The committee undertook following steps to frame its recommendations:</p> <ul style="list-style-type: none"> <li>• Study of documents like previous report, various judgments of the Supreme Court of India and AICTE Approval Process Handbook</li> <li>• Discussions with the stakeholders like Chairmen of the State level Fees Regulatory Committees, Representatives of various bodies of Private Institutes providing professional education, Vice chancellors of Universities and Students &amp; parents</li> </ul> <p>The Committee had following on-line meetings for such interaction and discussion towards finalization of the Report:</p> <ol style="list-style-type: none"> <li>1. November 4, 2020</li> <li>2. November 11, 2020</li> <li>3. January 7, 2021</li> <li>4. February 5, 2021</li> <li>5. February 8, 2021</li> <li>6. February 12, 2021</li> <li>7. March 24, 2021</li> <li>8. April 5, 2021</li> <li>9. July 26, 2021</li> <li>10. August 12, 2021</li> </ol> <p>All the Meetings were coordinated by the Dr Malkhede, Advisor, AICTE. Chairman and Vice-Chairman AICTE also attended some of these Meetings and provided valuable inputs.</p> <p>The Committee conducted on-line meetings for interaction with the stakeholders. List of the participants who took part in the discussions is enclosed as Annexure 01.</p> <p>The views expressed by these stakeholders are summarized in Annexure 02.</p>

<b>4.0</b>	<b>Reference Documents</b>
	<p>The Committee referred following documents:</p> <ul style="list-style-type: none"> <li>• WP 11871 of 2020 K.M.Karthik - PIL</li> <li>• Affidavit made by in the High Court of Delhi at New Delhi in case of W.P. (C) No. of 2020 in the matter of: Federation of self-financing technical institutions (all India) &amp; anr ...(petitioners) Versus Union of India and anr ..(Respondents)</li> <li>• Approval Process Handbook of AICTE for AY 2021-22 &amp; AY 2021-22 (Revised)</li> <li>• Circular of MHRD Ref No. 1-7/2015 U.II(1) dated 2.11.2017 regarding revision of pay scales on the recommendations of 7<sup>th</sup> CPC</li> <li>• National Education Policy (NEP) 2020</li> <li>• Report of the National Fees 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 In case of Professional Courses, 2015</li> <li>• All India Council for technical education Notification, New Delhi, the 1st March, 2019, AICTE regulations on pay scales, service conditions and minimum Qualifications for the appointment of teachers and other academic staff Such as library, physical education and training &amp; placement personnel in technical institutions and measures for the maintenance of standards in technical education – (degree) regulation, 2019.</li> <li>• All India council for technical education, Notification, New Delhi, the 1st march, 2019 AICTE regulations on pay scales, service conditions and minimum Qualifications for appointment of teachers and other academic staff Such as library and physical education personnel in technical Institutions and measures for the maintenance of standards in technical Education – (diploma) regulation, 2019.</li> </ul>

<b>5.0</b>	<b>Recommendations in Brief of the Previous Committee</b>
	<p>National Fees Committee formed by AICTE earlier had submitted its report in 2015. The Committee made following recommendations:</p> <ul style="list-style-type: none"> <li>• Fees are determined based on AICTE prescribed operational norms and infrastructure standards</li> <li>• Basic fees are calculated to cover costs of providing and maintaining the infrastructure and for covering recurring expenditure</li> <li>• No provision for recovery of costs of investments on land, buildings, equipment &amp; furniture with the exception of expenditure on procurement and updating of laboratory equipment and library books</li> <li>• Accredited programs and Autonomous institutes: 20% higher fees than the maximum fees prescribed</li> <li>• Higher fees for FN/NRI: Limited to 3 times maximum fees prescribed</li> <li>• May charge concessional tuition fees to students belonging to economically weaker sections.</li> <li>• To offset the burden of the fees the Government needs to facilitate financial support / subsidy / scholarships. To SC/ST students.</li> <li>• To offset the burden of the fees the Government needs to facilitate financial support / scholarships / loans to students belonging to economically weaker sections</li> <li>• Prescribed fees will be applicable in the year of admission and there will be 5% increase in fees every following year of program</li> <li>• Committee recommended fees chargeable under following heads: Tuition (Human resources, learning resources, Computers, Operational costs, Misc.), Development (future expansion &amp; development limited to 15% of tuition fees), Examination (As prescribed/approved by University) and Other (Limited to Rs 1000 or 1% of tuition fees)</li> <li>• Guidelines applicable for next 5 years</li> </ul>

<b>6.0</b>	<b>National Education Policy 2020</b>
	<p>During the discussion with the Committee many stakeholders mentioned that the sweeping changes proposed for the higher education in the new National Education Policy (NEP) need to be considered while fixing up the fees for professional courses.</p> <p>NEP 2020 states that the higher education system must, at the earliest, be re-adjusted, re-vamped, and re-energised to meet the requirements of creative, multi-disciplinary and highly skilled workforce.</p> <p>Policy recommends complete overhaul of higher education system on following lines:</p> <ul style="list-style-type: none"> <li>(a) moving towards a higher educational system consisting of large, multidisciplinary universities and colleges, with at least one in or near every district;</li> <li>(b) moving towards a more multidisciplinary undergraduate education;</li> <li>(c) moving towards faculty and institutional autonomy;</li> <li>(d) re-vamping curriculum, pedagogy, assessment, and student support for enhanced student experiences;</li> <li>(e) reaffirming the integrity of faculty and institutional leadership positions through merit-appointments and career progression based on teaching, research, and service;</li> <li>(f) establishment of a National Research Foundation to fund outstanding peer-reviewed research and to actively seed research in universities and colleges;</li> <li>(g) governance of HEIs by highly-qualified independent boards having academic and administrative autonomy;</li> <li>(h) “light but tight” regulation by a single regulator for all of higher education, including professional education; and</li> <li>(i) increased access, equity, and inclusion through a range of measures, including open schooling, online education and Open Distance Learning (ODL), keeping in view needs of learners with disabilities, and substantial increases in scholarships at private/philanthropic universities for disadvantaged and underprivileged students.</li> </ul> <p>The main thrust of this policy in higher education is to end the fragmentation of higher</p>

	<p>education by transforming higher education institutions into large multidisciplinary universities, colleges, and HEI clusters. It is envisioned that over a period of time all existing HEIs and new HEIs will evolve into research-intensive universities (RUs), teaching universities (TUs), and autonomous degree-granting colleges (ACs). By 2040, all higher education institutions (HEIs) shall become multidisciplinary institutions and shall have student enrolments in the thousands, for optimal use of infrastructure and resources. All HEIs will gradually move towards full autonomy - academic and administrative - to enable this vibrant culture. By 2025, the maximum number of colleges that can be affiliated by a University shall not exceed 300; this can be achieved by creating new universities. By 2035, all colleges currently affiliated to a university shall secure accreditation and become autonomous degree-granting colleges, through a concerted national effort.</p> <p>Thus, the NEP 2020 once implemented will bring in revolutionary changes in both academic and administrative areas, however the implementation will be long drawn process and will not be instantaneous.</p> <p>The Committee feels that currently the fees will be fixed based on the existing administrative and academic structure of degree granting Universities with large number of affiliating institutions. In any case these will have to be reviewed after another five years. By that time more clarity will be available as regards to the proposed changes under the NEP 2020 and its implications to the stakeholders and a new framework for fee fixation can be evolved then.</p>
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<b>7.0</b>	<b>Provisions in Approval Process Handbook of AICTE</b>
	<p>Following are some of the key requirements / provisions which are mentioned in the Approval Process Handbook (APH) of 2021-22 (Revised) which will have bearing on the costs and hence the Fees chargeable.</p> <ul style="list-style-type: none"> <li>• Minor specialization / minor degree / Honours (APH 7.3) <ul style="list-style-type: none"> <li>○ In an Institution having required infrastructure, faculty and other requirements for conducting core courses, specialization shall be permitted within approved intake</li> </ul> </li> </ul>



	<p>without hampering the generic course.</p> <ul style="list-style-type: none"> <li>○ Students are required to take extra credits in addition to credits essential for completion of a UG Degree) towards a minor degree or Honors or for extra learning.</li> <li>● Mode of instruction &amp; evaluation (APH 7.10, 7.12 and 7.20) <ul style="list-style-type: none"> <li>○ Provides for only “face to face” mode for “Regular courses”</li> <li>○ provides for flexible learning using MOOCs, online etc only for “open &amp; distance learning”</li> <li>○ Allows up to 20% of total courses offered in a semester through online learning courses provided through SWAYAM platform</li> <li>○ Induction training of 3 weeks and 2 weeks mandatory for first year degree and diploma students respectively</li> </ul> </li> <li>● Faculty requirement (APH 7.15) <ul style="list-style-type: none"> <li>○ Maximum permissible percentage of Adjunct faculty / Industry resource person <ul style="list-style-type: none"> <li>▪ Design (20%), Planning (30%), All other (10%) to cover exigencies as retirement &amp; delay in recruitment</li> </ul> </li> <li>○ The institutions may avail the services of contractual faculty under extraordinary circumstances (Court Cases etc.,) ONLY for a short period.</li> </ul> </li> <li>● Faculty-Student ratio (APH Appendix 7) <ul style="list-style-type: none"> <li>○ FSR Varies from 1:7.5 (PG - Design) to 1:25 (Diploma - Eng &amp; Tech)</li> <li>○ For UG – Engineering &amp; Technology 1:20, however for deemed to be universities / institutions having accreditation / autonomous status shall have 1:15.</li> </ul> </li> <li>● Books &amp; library (APH Appendix 5 &amp; Appendix 10) <ul style="list-style-type: none"> <li>○ Digital library facility with multimedia facility, Reprographic facility, document scanning facility</li> <li>○ Up to 50% books in the form of e-books</li> <li>○ At least 25% Scopus / Web of Science indexed journals</li> </ul> </li> <li>● Computer, software, internet &amp; printers (APH Appendix 5) <ul style="list-style-type: none"> <li>○ Faculty members to be provided with exclusive computing facilities with LAN &amp; internet over &amp; above requirement for PCs to student ratio</li> <li>○ Every department to have separate computer lab with 20 computers and a centralized</li> </ul> </li> </ul>
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computer laboratory with 100 PCs

- Punitive action for not adhering to norms (APH 7.16 and APH 8.2 to 8.12)
- Pay related issues of faculty shall be suitably addressed by concerned State Government
- APH prescribes punitive actions (withholding grants allocated, if any, reduction in intake to withdrawal of approval to the Institution) by council for not adhering to norms including FSR.
- Infrastructure Norms (APH Appendix 4, Appendix 6)
- Land area requirements differ for Mega & metro, Urban & rural areas. However, carpet area requirements are same for all areas.
- Sharing of laboratories of Diploma - UG and UG - PG permitted.
- Some requirements which would require specific expenditure

Essential requirements	Desirable requirements
<ul style="list-style-type: none"> <li>- Teacher training</li> <li>- Student induction program</li> <li>- Standalone language laboratory</li> <li>- Backup electric supply</li> <li>- Sports facilities</li> <li>- Rainwater harvesting</li> <li>- Sustainable green campus</li> <li>- Student safety insurance</li> <li>- Employee group accident policy</li> <li>- General insurance for assets</li> <li>- Provision to watch MOOCs through SWAYAM</li> <li>- Student counsellor</li> <li>- Online grievance redressal mechanism</li> </ul>	<ul style="list-style-type: none"> <li>- Skill development courses</li> <li>- Tinkering laboratory</li> <li>- Smart classroom</li> <li>- Public announcement system</li> <li>- ERP</li> <li>- LCD projectors in Class rooms</li> <li>- Auditorium</li> <li>- Innovation cell / Social media cell</li> <li>- Sanitary napkin vending &amp; disposal</li> <li>- Library automation including barcoding</li> <li>- Participation in national ranking framework</li> <li>- Participation in national innovation ranking</li> <li>- Measures for cybersecurity</li> </ul>

8.0	<b>AICTE Approval of the Institutes and the Programs</b>																																				
	<p>AICTE approval is meant for starting and running an Institute offering specific academic programs with permissible intake for each of the programs.</p> <p>AICTE approval is mandatory for following types of Institutes which offer professional programs:</p> <ul style="list-style-type: none"> <li>- University Affiliated self-financing Institutes (autonomous / non-autonomous)</li> <li>- Institutions deemed to be University</li> <li>- University Affiliated Government / Government aided (autonomous / non-autonomous)</li> </ul> <p>Following types of Institutes may seek AICTE approval</p> <ul style="list-style-type: none"> <li>- Constituent Institutes / Departments of Central Universities,</li> <li>- Constituent Institutes / Departments of State Universities,</li> <li>- Private Universities</li> </ul> <p>Following Table shows Programs which are approved by AICTE as mentioned in the APH 2021-22 (revised).</p> <table border="1" data-bbox="315 1125 1487 1875"> <thead> <tr> <th>Level</th> <th>Programme</th> <th>Duration in years</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Diploma</td> <td>Engineering &amp; Technology</td> <td>3</td> </tr> <tr> <td>Applied arts &amp; crafts</td> <td>3</td> </tr> <tr> <td>Design</td> <td>3</td> </tr> <tr> <td>Hotel Management &amp; Catering Technology</td> <td>3</td> </tr> <tr> <td rowspan="5">UG Degree</td> <td>Engineering &amp; Technology</td> <td>4</td> </tr> <tr> <td>Planning</td> <td>4</td> </tr> <tr> <td>Applied arts &amp; crafts</td> <td>4</td> </tr> <tr> <td>Design</td> <td>4</td> </tr> <tr> <td>Hotel Management &amp; Catering Technology</td> <td>4</td> </tr> <tr> <td rowspan="6">PG Degree</td> <td>Engineering &amp; Technology</td> <td>2</td> </tr> <tr> <td>Planning</td> <td>2</td> </tr> <tr> <td>Applied arts &amp; crafts</td> <td>2</td> </tr> <tr> <td>Design</td> <td>2</td> </tr> <tr> <td>Hotel Management &amp; Catering Technology</td> <td>2</td> </tr> <tr> <td>MCA</td> <td>3</td> </tr> </tbody> </table>	Level	Programme	Duration in years	Diploma	Engineering & Technology	3	Applied arts & crafts	3	Design	3	Hotel Management & Catering Technology	3	UG Degree	Engineering & Technology	4	Planning	4	Applied arts & crafts	4	Design	4	Hotel Management & Catering Technology	4	PG Degree	Engineering & Technology	2	Planning	2	Applied arts & crafts	2	Design	2	Hotel Management & Catering Technology	2	MCA	3
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		Management	2
	Integrated	Engineering & Technology	5
		Planning	5
		Hotel Management & Catering Technology	5
		MCA	5
		Management	5

<b>9.0</b>	<b>Recommendations of the Committee</b>
<b>9.1</b>	<b>Principles adopted</b>  The Committee revisited the principles adopted while fixing the fees by the earlier Committee. After deliberations Committee felt no major changes are required in the overall approach and methodology.
<b>9.1.1.</b>	<b>Norms and standards</b>  AICTE has prescribed uniform operational norms and infrastructural standards to be maintained by the Institutes for operations as an approved 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 student strength etc. are uniform irrespective of location and level of the Institute except for the requirement of land. These norms have been defined as ‘minimum’ requirements for starting and running an Institute and are included in the Approval Process Handbook published every year.
<b>9.1.2</b>	<b>Fees</b>  Based on the norms defined, 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.
<b>9.1.3</b>	<b>Recovery of Investments on land, buildings and other assets</b>  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.

	<p>However, expenditure made on procurement and updating of laboratory equipment, library books ERP, LMS and other software related to examination and assessment has to be allowed and the same shall be depreciated as per the rates prescribed in the IT Act.</p>
<p><b>9.1.4</b></p>	<p><b>Applicability of these recommendations</b></p> <p>State level Fees regulatory Committees are currently competent to fix fees for only following types of Institutes:</p> <p>University Affiliated self-financing Institutes (autonomous / non-autonomous) Institutions deemed to be University.</p> <p>It is recommended that the fees for programs run by the above-mentioned Institutes shall be within the band determined by this Committee.</p> <p>The prescribed band for the fees shall be same irrespective of ownership, age of the Institute and location (rural or urban).</p> <p>The fees as detailed out and as worked out under these guidelines shall be applicable for next five years or till the implementation of NEP 2020 recommendations, whichever is earlier.</p> <p>State and Central Governments decide fees for the Government and Government funded University affiliated Institutes. Mostly fees of these Institutions are subsidised as per Government policy. Hence, recommendations of this Committee will not be applicable to such Institutes.</p> <p>Private, State or Central Universities are free to fix fees for the programs run by their departments or Constituent colleges within the prevalent UGC norms.</p>

<p><b>9.2</b></p>	<p><b>Types of Fees to be charged</b></p> <p>The Institutions shall charge fees only under following four heads.</p> <p>i. Tuition</p>
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- ii. Development
- iii. Examination
- iv. Other

In addition to the above fees under following heads can be charged as per the details mentioned.

**Deposits:**

The Institute can charge a Caution Money Deposit, maximum of Rs 5000 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. Institutes should establish a system so as to transfer the deposits amounts to the student's account directly within reasonable time.

Only in exceptional situation, if the deposit amount is not refunded for any reason, till three years of the student 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, Examination, and Convocation etc. as prescribed by the affiliating University from time to time.

If any fees are payable to affiliating university towards Cultural activities, Gymkhana etc. same shall be paid by the Institute from the fees received from the students and no additional fees will be charged to the students.

**Insurance fees:**

It is recommended that Institutes shall establish insurance scheme at reasonable premium to cover fees of the student to complete the program in case of the death of the parent / guardian and also to cover expenses in case of any accident to the student on Institute premises. The Institute shall recover amounts paid towards such Insurance premium.

	<p><b>Hostel fees:</b></p> <p>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.</p>
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<p><b>9.2.1</b></p>	<p><b>Tuition fees</b></p> <p>Tuition fees to be charged for a course shall cover expenses as mentioned below:</p> <ol style="list-style-type: none"> <li>1. Human resources <ul style="list-style-type: none"> <li>○ Salary of regular / on contract faculty, technical and non-technical staff</li> <li>○ Other benefits to the faculty and staff as mentioned in pay commission report</li> <li>○ Remuneration to visiting / adjunct faculty</li> <li>○ Funding for faculty development &amp; research, for attending seminars/webinars/conferences, membership of professional bodies and skill development concerning pedagogy changes, assessment techniques and student mentoring.</li> </ul> </li> <li>2. Learning resources <ul style="list-style-type: none"> <li>○ Library books</li> <li>○ Library Journals</li> <li>○ e-resources</li> <li>○ Newspaper &amp; magazines</li> <li>○ Library Software &amp; Automation</li> </ul> </li> <li>3. Computers / IT Infrastructure <ul style="list-style-type: none"> <li>○ Servers</li> <li>○ Terminals</li> <li>○ Printers</li> <li>○ Operating systems and Other Software</li> <li>○ Peripherals, Networking and Add-ons</li> <li>○ Internet and Intranet</li> <li>○ Institute website</li> <li>○ Confidential setup for internal assessment records and examinations</li> </ul> </li> <li>4. Operational costs <ul style="list-style-type: none"> <li>○ Electricity</li> <li>○ Water</li> <li>○ Repairs and Maintenance</li> <li>○ Postage &amp; Telecom</li> <li>○ Travel / conveyance / vehicle</li> <li>○ Photocopying</li> <li>○ Documentation</li> <li>○ Advertisement for recruitment of faculty and staff</li> <li>○ Printing &amp; stationery</li> <li>○ Public relations</li> <li>○ Audit and accounting fees</li> <li>○ Insurance</li> <li>○ Taxes</li> </ul> </li> </ol>
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	<ul style="list-style-type: none"> <li>○ Hospitality</li> </ul> <p>5. Miscellaneous</p> <ul style="list-style-type: none"> <li>○ Laboratory Consumables</li> <li>○ Student activities (Social, Gymkhana, Sports etc.)</li> <li>○ Identity card and other Certificates</li> <li>○ Affiliation / Equivalence / Approvals and Visits therefor</li> <li>○ Recruitment expenses</li> <li>○ Repairs and maintenance expenses</li> </ul> <p>6. Desirables</p> <ul style="list-style-type: none"> <li>○ Tinkering laboratory</li> <li>○ Smart classroom</li> <li>○ Public announcement system</li> <li>○ ERP</li> <li>○ LCD projectors in Class rooms</li> <li>○ Innovation cell / Social media cell</li> <li>○ Sanitary napkin vending &amp; disposal</li> <li>○ Measures for cybersecurity</li> </ul>
<p><b>9.2.2</b></p>	<p><b>Development Fees:</b></p> <p>Institute can charge Development fees to provide for future expansion and development of the Institute.</p> <p>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.</p>
<p><b>9.2.3</b></p>	<p><b>Examination Fees:</b></p> <p>Institutes which are affiliated to a University(s) shall charge the students examination and other fees like enrolment, registration etc. as prescribed by the concerned affiliating University.</p> <p>Autonomous Institutes affiliated to a University shall charge the students examination and other fees at par with that charged / approved by the respective University.</p>
<p><b>9.2.4</b></p>	<p><b>Other Fees:</b></p> <p>Institutes shall charge a reasonable fee to cover following expenses under the head of ‘Other Fees’:</p> <ul style="list-style-type: none"> <li>- Contingency / Emergency fund</li> <li>- Outreach</li> <li>- Placement</li> </ul>



	<ul style="list-style-type: none"> <li>- Medical</li> <li>- Counsellor</li> <li>- Industry participation / tour</li> </ul> <p>Though the Guidelines do not provide specifically for the services mentioned above, Institute shall charge appropriate fees for the services offered.</p> <p>The Total fees charged under this Head, except for Industrial Tour, shall not be more than Rs 2000.</p> <p>Students shall be required to bear the expenses for the Academic / Industrial tours, if organized, only to the extent of expenditure. Expenditure of accompanying faculty and staff shall be borne by the Institute.</p>
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<b>9.3</b>	<p><b>Minimum Fees and Maximum Fees</b></p> <p>The earlier Fees Committee determined the maximum fees payable on the basis of full compliance to minimum norms specified by AICTE. The current Committee is expected to review the recommendations of earlier Committee and recommend maximum and minimum fees payable while satisfying norms of AICTE.</p> <p>Previous Committee worked out the Fees based on AICTE prescribed minimum operational norms and infrastructure standards for starting &amp; running an Institute. Major component of the fees is spent on the salaries of human resources, specifically faculty.</p> <p>Ideal condition for an Institute is having 100% posts filled as per cadre ratio as required by AICTE norms for all its disciplines. This is almost impossible due to lack of availability of qualified persons for all disciplines and at all levels, reservation of seats as per Government policies, retirements, faculty changing jobs and time required to fill vacancies etc. Hence, the Committee assumes that some Institutes may have to appoint faculty on contract for short periods. Maximum of 20% faculty on contract is considered for working out the minimum</p>
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fees. Similarly, provision of adjunct faculty to provide practical exposure is also considered for calculating fees.

AICTE is insisting on VII pay commission scales and allowances to be paid to all faculty and non-faculty human resources. It is noted that some of the state governments haven't yet implemented VI pay commission recommendations fully in terms of pay scales / allowances. Many State Governments do not pay the allowances, particularly the DA component in sync with the Central Government. Obviously the privately managed Institutes follow the practice / recommendations of the respective State Governments.

Following Table indicates the considerations made for deciding the Minimum and Maximum fees:

Criteria		Minimum Fees	Maximum Fees
Faculty	Regular	Partly	Fully
	Contractual	Partly	Nil
	Adjunct	Partly	Partly
Pay	Pay scale	At Minimum of the pay-scale With no allowances	At average of the pay-scale Including DA, TA & HRA at current Maximum level
	Allowances		
Computer software		Maintain latest version of official software in required no	Maintain latest version of official software in required no
Computer hardware		One third of the hardware replaced every year	One third of the hardware replaced every year
Desirable requirements		Nil	Desirable requirements fulfilled

Thus, the Committee is providing a band within which the fees payable at an Institute is expected to vary. The State fees committees will look into the expenditure made by an Institute during previous years and fix the fees payable within this band.

	No Institute will be able to offer the quality education at lower costs than the prescribed fees unless it can finance the deficit through other resources without compromising standards and quality of education. Institutes can be allowed to do so with complete disclosure to the state fee regulator.
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<b>9.4</b>	<b>Higher fees than ‘maximum’ fees</b>
<b>9.4.1</b>	<p><b>Autonomous and / or Accredited Institutes / Programs</b></p> <p>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.</p> <p>The Institute, which has got accreditation from appropriate authority can charge a maximum of 25% additional tuition fees than prescribed maximum fee for the undergraduate degree program in Engineering &amp; Technology and a maximum of 10% additional tuition fees than prescribed maximum fees for other programmes. Such additional fees can be charged to the students for the entire duration of the program if the program is accredited at the time of their admission to the program.</p> <p>The Institute which is awarded ‘Autonomous’ status by appropriate authority but doesn’t have accreditation for any program, also can charge a maximum of 10% additional tuition fees than prescribed maximum fees.</p>
<b>9.4.2</b>	<p><b>Higher fees for supernumerary quota (FN/NRI/OCI)</b></p> <p>Institutes can be allowed to charge higher tuition fees, up to three times the maximum fee prescribed, to the students admitted under the categories of foreign nationals (FN), NRIs and Overseas Citizens of India (OCI). The concerned State Government/ UT shall notify the tuition and other fee for candidates admitted under FN / NRI / OCI seats. However, as per AICTE Process Handbook, clause 2.12.6, the children of Indian workers in the Gulf Countries shall be treated at par with resident citizens.</p>

	The higher fees collected shall be utilized to for further Institutional development.
<b>9.4.3</b>	<b>Higher fees for seats under any other category</b> Institutes shall not charge fees more than prescribed in this document except for as mentioned under 9.4.1 and 9.4.2 to students admitted under any other category.

<b>9.5</b>	<b>Fees for Additional credits / courses</b>
<b>9.5.1</b>	<b>Fees for Specialization at Undergraduate level</b> AICTE has permitted Institutes having required infrastructure and faculty to offer specialization in emerging areas which will lead to minor degrees / honours for the students. Towards this the interested students are required to complete additional credits during their undergraduate studies.  Committee recommends that such students should not be required to pay any additional fees for such courses.
<b>9.5.2</b>	<b>Fees for online courses</b> Though AICTE prefers ‘face to face’ education for regular courses, it is also encouraging Institutes to offer students online courses, MOOCs etc. If an Institute asks its students to take such courses in lieu of ‘face to face’ courses as part of the curriculum or credits for specialization, fees towards teaching and evaluation for such courses shall be paid by the Institutes and students will not have to pay any additional fee. Provided they are offered by the Institute.
<b>9.5.3</b>	<b>Fees for any other additional courses</b> Some students may like to study some additional courses in emerging areas through online mode offered by various Institutes. Students have to pay for these courses on their own.
<b>9.5.4</b>	<b>Credit based course fees</b> The fees prescribed in this report are to be charged on annual (per two semester) basis. Institutes are free to charge the fees on semester basis.  The Government has recently announced that the academic bank of credit (ABC) proposed

	<p>in NEP 2020 will be rolled out in staggered manner from academic year 2021-22. The scheme is expected to enable students to choose the best courses / combination of course to suit their interest.</p> <p>If any student wants to enrol for only few courses in an Institute, subject to approval of AICTE to such a scheme, student will have to pay only proportional fees.</p> <p>e.g., if a program in an Institute is permitted to charge a fee of Rs 1,00,000 p.a. for a four-year undergraduate degree program and the entire program requires a total of 160 credits, the per credit course fee can be worked out as <math>(4 \times 100000) / 160</math> i.e. Rs 2500 per credit.</p> <p>The student can be charged for the credits that he/she registers in a particular academic session.</p>
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<b>9.6</b>	<b>Assistance to students</b>
<b>9.6.1</b>	<p><b>Differential fee structure</b></p> <p>It is observed that in some states admissions to a program are done through different routes and fees payable by students admitted through these routes are also different.</p> <p>The Committee recommends that fees applicable to all students in a class shall be same and no such differential fees structure be allowed except for FN/NRI/OCI students as mentioned elsewhere in this report.</p> <p>State Governments shall formulate policies and put in place mechanisms to reimburse the students part / full fees as necessary.</p>
<b>9.6.2</b>	<p><b>Assistance to SC / ST students</b></p> <p>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.</p> <p>The Committee strongly recommends that to offset the burden of the fees the Government</p>

	needs to facilitate financial support / subsidy / scholarships.
<b>9.6.3</b>	<p><b>Assistance to students belonging to economically weaker sections of the society</b></p> <p>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.</p> <p>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.</p>
<b>9.6.4</b>	<p><b>Financial support / subsidy / scholarships</b></p> <p>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.</p> <p>Attention is invited of the Institutes regarding following recommendation of the NEP 2020: The National Scholarship Portal will be expanded to ensure that all students who require financial support to attend a public HEI will receive it, covering stipends, boarding, and lodging, and not just waivers of tuition fees. Private HEIs will offer scholarships ranging from 100% to 25% for at least half of their students.</p>
<b>9.6.5</b>	<p><b>Assistance for post graduate education</b></p> <p>Students graduating with merit will have very good opportunities in the job market. However, for national growth at least some of these students should be incentivised to continue with post graduate education and build a career in academics and research.</p>
<b>9.6.6</b>	<p><b>State Government schemes of Fee reimbursement</b></p> <p>Most of the State Governments have schemes to reimburse fees of students belonging to SC / ST and some other categories. As per the current practice such students admitted to the Institutes are not expected to pay any fees to the Institute. The State Governments directly provides the funds to the Institutes to compensate for the fees payable by such students.</p>

	<p>However, many stakeholders have indicated that there is always delay in release of these funds to the Institutes. They have observed that sometimes the delay is for 3-4 years. Obviously, Institutes find it difficult to meet the expenses due to this deficit in fee receipts.</p> <p>Committee recommends that mechanisms should be put in place by the respective state governments to pay the Institutes after verification within 3 months of the claims submitted.</p> <p>Committee recommends that if there is a delay in reimbursement of fees from the State Govt beyond one academic year, Institutes may borrow funds for meeting the expenses, especially payment of salaries. If the amount of interest payable towards such borrowings to meet working capital requirement is not reimbursed by the concerned government, Fees regulatory committees shall consider the same as an expenditure for determination of fees.</p> <p>In order to attract meritorious students and encourage post graduate education, the Committee recommends that the Government should make available fee waivers and scholarships to as many students as possible.</p>
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<b>9.7</b>	<b>Guidelines for Fixation of fees for Individual Institutes / Programs</b>
<b>9.7.1</b>	<p><b>Mechanism:</b></p> <p>This Committee has recommended minimum and maximum fees that could be charged by any Institute.</p> <p>MHRD/AICTE shall issue Guidelines for verification of the expenditure made by the Institutes and to confirm that the Institutes are maintaining the standards as prescribed by AICTE / UGC / University and such other Authorities through State level fee regulatory authority.</p> <p>The Guidelines shall clearly indicate the type and nature of documents which shall be acceptable for verification. The guidelines shall also indicate expenditure under which expense heads is permissible for recovery of the costs to avoid bias and uniformity across the</p>

	nation.										
<b>9.7.2</b>	<p><b>Penalties to the students</b></p> <p>The Institutes may charge penalties for different reasons like late payment charges, indiscipline etc.</p> <p>Such charges shall not be more than Rs.100 for a single incident.</p> <p>Funds accumulated through levy of such penalties will be used by the Institute for development of the Institute / creating or upgrading facilities for the students.</p>										
<b>9.7.3</b>	<p><b>Non-conformance to the Norms</b></p> <p>MHRD/AICTE should ensure that appropriate mechanism is prescribed to ensure strict action against Institutions violating the Norms.</p> <p>This Committee has worked out minimum fees for all the programs to recover costs of maintaining academic standards as defined by AICTE. If the fees worked out based on the Institute expenditure in the past works out lesser than the minimum fees prescribed in this report, it is a clear indication that the Institute is not fulfilling the minimum standards and norms. AICTE shall immediately initiate punitive action against such Institutes which shall be stipulated in APH.</p>										
<b>9.7.4</b>	<p><b>Fees payable by students after First year</b></p> <p>In case, due to procedural reasons, if regulatory authorities do not review / revise the fees for an Institute for year/s, the Institute can charge fees with escalation @ 5% p.a. as indicated in the following table, till regulatory authority verifies the expenditure and sanctions revision in fee.</p> <p>For example, if the Regulatory authority approves Rs 100,000 p.a. as fees for a programme, till further review is taken and revision in fees is sanctioned by the regulator, Institutes can charge fees as mentioned below to the students admitted in subsequent years:</p> <table border="1" data-bbox="315 1650 1487 1734"> <thead> <tr> <th></th> <th>Year 1</th> <th>Year 2</th> <th>Year 3</th> <th>Year 4</th> </tr> </thead> <tbody> <tr> <td>Fees payable in Rs</td> <td>100,000</td> <td>105,000</td> <td>110,250</td> <td>115,500</td> </tr> </tbody> </table> <p>Any revision in the fees will be applicable only to new entrants to the programme.</p>		Year 1	Year 2	Year 3	Year 4	Fees payable in Rs	100,000	105,000	110,250	115,500
	Year 1	Year 2	Year 3	Year 4							
Fees payable in Rs	100,000	105,000	110,250	115,500							



<b>9.7.5</b>	<b>Fees payable by laterally admitted students</b>  For laterally admitted students to any program, fees payable shall be the same as those payable by the other regular students in the particular class.
<b>9.7.6</b>	<b>Consideration of salary expenditure as expense</b>  Salary and other expenditure for all faculty appointed as adjunct or on contract and also on regular posts having qualifications as per AICTE guidelines shall be considered for fee determination, whether such appointments are approved or not by the concerned University or state government.
<b>9.7.7</b>	<b>Fees to be charged in case of less admissions</b>  If students admitted to a program / course is less than the sanctioned strength, the fees to be charged will be the same as computed considering that the seats are full. In case admissions are less in consecutive years, the Institute shall either apply to AICTE for reduction in intake, thereby requiring lesser resources. The Institute also should take measures to improve quality of teaching learning processes, placements etc. so that the number of admissions improve gradually.

<b>9.8</b>	<b>Fees for the Programs which are not explicitly mentioned elsewhere in the report</b>
<b>9.8.1</b>	<b>Dual Degree programs</b>  For a five-year dual degree program, fees for first four years shall be same as that for a full-time undergraduate program.  In the final year, students shall pay fees payable by the students of relevant full time post-graduate program.
<b>9.8.2</b>	<b>Integrated programs</b>  For the integrated programs the per annum fees shall remain same as that meant for undergraduate program.
<b>9.8.3</b>	<b>Twinning Program</b>  Students admitted under the twinning programs will have to pay the same fees as other

	regular students of the relevant program for the years / semesters of study in India.
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<b>10.0</b>	<b>Computation of fees</b>
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<b>10.1</b>	<p><b>Heads of costs considered</b></p> <p>Computation of fees for individual programs is done considering the minimum norms prescribed by AICTE for starting and running a technical program.</p> <p>As mentioned earlier, cost of running program is worked out under following heads:</p> <ul style="list-style-type: none"> <li>- Cost of human resources</li> <li>- Cost of learning resources</li> <li>- Cost of IT infrastructure</li> <li>- Infrastructure operational costs</li> <li>- Miscellaneous costs</li> </ul>
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<b>10.2</b>	<p><b>Cost of human resources</b></p> <p>AICTE recommends that for providing Industry exposure to the students of various programs, certain percentages of required faculty may be appointed as Adjunct faculty. For computation of minimum and maximum costs for various programs, the Committee has assumed following percentages for calculating required faculty:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Program</th> <th colspan="2">For minimum cost</th> <th colspan="2">For maximum cost</th> </tr> <tr> <th>Adjunct</th> <th>Contractual</th> <th>Adjunct</th> <th>Contractual</th> </tr> </thead> <tbody> <tr> <td>Engineering &amp; technology</td> <td>10</td> <td>20</td> <td>0</td> <td>0</td> </tr> <tr> <td>Applied arts &amp; crafts</td> <td>10</td> <td>20</td> <td>0</td> <td>0</td> </tr> <tr> <td>Design</td> <td>20</td> <td>20</td> <td>10</td> <td>0</td> </tr> <tr> <td>HMCT</td> <td>10</td> <td>20</td> <td>0</td> <td>0</td> </tr> <tr> <td>Planning</td> <td>30</td> <td>20</td> <td>10</td> <td>0</td> </tr> </tbody> </table> <p>Faculty requirement is computed as indicated in the following example: Assume:</p>	Program	For minimum cost		For maximum cost		Adjunct	Contractual	Adjunct	Contractual	Engineering & technology	10	20	0	0	Applied arts & crafts	10	20	0	0	Design	20	20	10	0	HMCT	10	20	0	0	Planning	30	20	10	0
Program	For minimum cost		For maximum cost																																
	Adjunct	Contractual	Adjunct	Contractual																															
Engineering & technology	10	20	0	0																															
Applied arts & crafts	10	20	0	0																															
Design	20	20	10	0																															
HMCT	10	20	0	0																															
Planning	30	20	10	0																															

- Total sanctioned intake for a program – 300, Duration of the program – 4 years
- Total no of students as per approved intake for all years of a program (S) - 1200
- Faculty students ratio (FSR) - 1:20, F=20
- Cadre ratio: 1:2:6, (R=1+2+6=9)
- No of adjunct faculty as % of total required faculty (DF) 10%
- No of contractual faculty as % of total required faculty (CF) 20%

Total faculty required to satisfy FSR		TF	(S / F)	60	60
Required No to satisfy FSR and cadre ratio	Assistant Professor	RL	(S*6) / (F*R)	40	40
	Associate professor	RA	(S*2) / (F*R)	13	13
	Professor	RP	TF - (RP+RA)	7	7
Faculty numbers considered for computation of costs:					
Description		Notation		Minimum cost	Maximum cost
Adjunct faculty		DF	10% of TF	6	0
Faculty on Contract		CF	20% of TF	12	0
Required no of regular faculty considering adjunct & contractual no	Assistant Professor	AL	RL - (0.50*CF)	34	40
	Associate professor	AA	RA - (0.50*(CF+AF))	4	13
	Professor	AP	RP - (0.50*AF)	4	7
Total faculty available to satisfy requirement		AF	DF+CF+AL+AA+AP	60	60

For computation of cost of human resources salaries of the faculty are computed based on VII pay commission recommendations. Annexure 1 shows salaries considered for regular,

	<p>adjunct and contractual faculty.</p> <p>For minimum cost, entry level basic salary with no allowances and for maximum cost, average salaries with allowances as of July 2021 are considered.</p> <p>Total salary of non-teaching staff is considered as 30% of the total faculty salary.</p> <p>In addition, a provision of 10% of the total salary is made for other benefits as mentioned Pay commission report.</p>
<b>10.3</b>	<p><b>Cost of Learning Resources</b></p> <p>AICTE norms define the requirement of books per course. Average cost of each technical book is considered as Rs 750.</p> <p>Cost of other learning resources is considered as percentage of cost of books required as mentioned below:</p> <p>Library journals: 25%, e-resources: 25%, Newspaper &amp; magazines: 1%</p> <p>In addition to this, cost of Library hardware and software is considered as 10% of cost of e-resources.</p>
<b>10.4</b>	<p><b>Cost of IT infrastructure</b></p> <p>Cost of hardware (PCs and printers), software and internet connectivity etc is computed as per the AICTE norms for different programs.</p> <p>Average cost of each server, terminal and printer is assumed as Rs 1,00,000, Rs 40,000 and Rs 12,000 respectively. Cost of peripherals, networking and add-ons is assumed as 20% of costs of servers, terminals and printers.</p> <p>Average cost of software updates (preference to be given to Open-source software) is taken as Rs 1,50,000 per course.</p> <p>Additionally, a provision of Rs 30,000 p.a. is made for Institute website maintenance</p>
<b>10.5</b>	<p><b>Infrastructure operational costs</b></p>

	Table 3 indicates costs considered towards infrastructure operation.
<b>10.6</b>	<p><b>Miscellaneous costs</b></p> <p>Table 4 indicates miscellaneous costs.</p> <p>Table 4 also indicates costs of desirables which are considered to compute maximum fees for the program assuming that an Institute has also complied with the desirable norms.</p>

<b>11.0</b>	<p><b>Summary</b></p> <ul style="list-style-type: none"> <li>• <b>Minimum and maximum fees for the programs:</b> The Committee has worked out permissible minimum and maximum fee for programs which are under the purview of AICTE.</li> </ul> <p>The summary of the fees is provided in Table 1.</p> <ul style="list-style-type: none"> <li>• <b>Institutes:</b></li> </ul> <p>The Committee has considered that when the Institutes are new, they may not have all the regular posts filled and in case of other Institutes also regular faculty may not be available for all posts due to retirements, delay in faculty recruitment, reservation policy of the concerned state governments, delay in getting relevant approvals for roster etc. To compensate for these vacant posts, Institutes may have to appoint faculty on contractual basis. To work out minimum fees, it is assumed that 20% of such posts are filled by contractual faculty. However, the Institutes are expected to do such appointments only for a short period not exceeding one session.</p> <p>In the long run, to offer best of the teaching learning practices, all the institutions need to have qualified regular faculty for all the programs / courses to satisfy faculty students ratio and cadre ratio as prescribed by AICTE from time to time. Also, all Institutes are expected to take up initiatives to continuously improve the quality of education to work towards excellence in education.</p>
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- **State level Fees regulatory committees:**

The State level fees regulatory committees will look into the actual expenditure made by an Institute during previous years (average of 3 years) and fix the fees payable. The Regulators will follow the guidelines issued by AICTE / MOE / State Government and consider the expenditure under pre-defined expense heads for recovery of the costs to avoid bias and ensure uniformity across the nation.

The regulatory committee will certify fees chargeable by an Institute within the band provided by this Committee. If the regulator prescribes fees outside the band (lesser than the minimum or higher than the maximum) it should provide reasons thereof in writing.

- **AICTE:**

Though AICTE has defined its role as facilitator rather than regulator, it is necessary that it exercises certain degree of control to ensure quality education through all the Institutes to which it accords approval.

AICTE should establish a robust inspection mechanism to ensure that the Institutes meet the norms and standards prescribed by it from time to time. AICTE shall pro-actively initiate actions as necessary for violation of any norms and standards by any Institute to ensure compliance and better consequence management.

**Table 1: Recommended Minimum and Maximum fees in INR per annum for various programs**

Level	Program	Duration in years	Minimum	Maximum
<b>Diploma</b>				
	Engineering & Technology	3	67,900	1,40,900
	Applied arts & crafts	3	81,900	1,64,700
	Design	3	82,500	1,61,500
	Hotel Management & Catering Technology	3	67,900	1,47,800
<b>UG Degree</b>				
	Engineering & Technology	4	79,600	1,89,800
	Planning	4	72,000	2,16,100
	Applied arts & crafts	4	1,49,300	3,67,900
	Design	4	1,33,500	3,30,500
	Hotel Management & Catering Technology	4	81,300	1,91,200
<b>PG Degree</b>				
	Engineering & Technology	2	1,41,200	3,04,000
	Planning	2	2,11,900	4,50,200
	Applied arts & crafts	2	2,20,200	4,49,900
	Design	2	2,63,500	5,57,100
	Hotel Management & Catering Technology	2	1,83,400	3,78,400
	MCA	3	88,500	1,94,100
	Management	2	85,000	1,95,200

**Annexure 1.**  
**Salaries for regular, adjunct and contractual faculty**

**Table 1.1: Salary for Regular Faculty in INR as per VII pay Commission recommendations**

Post	Basic with No allow- ances		Including Allowances			Entry level with No allow- ances	Average including allowances
	Min of scale	Max of scale	Min	Max	Average		
	Monthly		Monthly			Annual	
Degree							
Assistant Professor	57,700	1,17,100	83,657	1,90,721	1,37,189	6,92,400	16,46,268
Associate Professor	1,31,400	1,98,700	1,84,626	3,17,201	2,50,914	15,76,800	30,10,962
Professor	1,44,200	1,99,600	2,02,162	3,18,596	2,60,379	17,30,400	31,24,548
Diploma							
Lecturer	56,100	1,31,400	81,465	2,12,886	1,47,176	6,73,200	17,66,106
HoD	1,31,400	1,98,700	1,84,626	3,17,201	2,50,914	15,76,800	30,10,962

Note:  
 Allowances as declared by Central government applicable from July 2021:  
 Dearness Allowance 28%,  
 Transportation allowance: Minimum Rs 3600+DA thereon, Maximum Rs 7200 + DA thereon  
 House rent allowance: Minimum 9%, Maximum 27%

**Table 1.2: Salary structure for Contractual & Adjunct faculty**

Salaries in INR	Per month	Per annum
Adjunct faculty	80,000	9,60,000
Contractual faculty	60,000	7,20,000



**Annexure 2.**  
**Infrastructure operational and Miscellaneous costs**

**Table 2.1: Infrastructure operational costs**

Head of expenditure	Rupees Per student	Intake/ Program Duration in yrs				
		300 / 4	180 / 3	144 / 2	300 / 2	180 / 2
Total students		1200	540	288	600	360
o Electricity	2,200	26,40,000	11,88,000	6,33,600	13,20,000	7,92,000
o Water	150	1,80,000	81,000	43,200	90,000	54,000
o Postage	10	12,000	5,400	2,880	6,000	3,600
o Telecom	150	1,80,000	81,000	43,200	90,000	54,000
o Travel / conveyance / vehicle	75	90,000	40,500	21,600	45,000	27,000
o Photocopying	15	18,000	8,100	4,320	9,000	5,400
o Documentation	60	72,000	32,400	17,280	36,000	21,600
o Advertisement and publicity	150	1,80,000	81,000	43,200	90,000	54,000
o Printing & stationery	250	3,00,000	1,35,000	72,000	1,50,000	90,000
o Public relations	60	72,000	32,400	17,280	36,000	21,600
o Audit and accounting fees	120	1,44,000	64,800	34,560	72,000	43,200
o Taxes	150	1,80,000	81,000	43,200	90,000	54,000
o Hospitality	60	72,000	32,400	17,280	36,000	21,600
o Infrastructure insurance	300	3,60,000	1,62,000	86,400	1,80,000	1,08,000
<b>TOTAL</b>	<b>3,750</b>	<b>45,00,000</b>	<b>20,25,000</b>	<b>10,80,000</b>	<b>22,50,000</b>	<b>13,50,000</b>

**Table 2.2: Miscellaneous costs and costs of desirable services**

Miscellaneous Costs	Rupees Per student	Intake/ Program Duration in years				
		300 / 4	180 / 3	144 / 2	300 / 2	180 / 2
Total students		1200	540	288	600	360
o Student activities (Social, Gymkhana, Sports etc.)	200	2,40,000	1,08,000	57,600	1,20,000	72,000
o Identity card and other Certificates	75	90,000	40,500	21,600	45,000	27,000
o Recruitment expenses	100	1,20,000	54,000	28,800	60,000	36,000
o Laboratory Consumables	350	4,20,000	1,89,000	1,00,800	2,10,000	1,26,000
Total for Student services	725	8,70,000	3,91,500	2,08,800	4,35,000	2,61,000
o Affiliation / Equivalence / Approvals and Visits therefor	100	1,20,000	54,000	28,800	60,000	36,000
o Infrastructure repairs and maintenance	3100	37,20,000	16,74,000	8,92,800	18,60,000	11,16,000
Desirables						
o Tinkering laboratory	50	60,000	27,000	14,400	30,000	18,000
o Smart classroom/s, auditorium etc.	40	48,000	21,600	11,520	24,000	14,400
o Public announcement system	25	30,000	13,500	7,200	15,000	9,000
o ERP	40	48,000	21,600	11,520	24,000	14,400
o Innovation / social media cell	20	24,000	10,800	5,760	12,000	7,200
o Sanitary napkin vending and disposal	50	60,000	27,000	14,400	30,000	18,000
o Library automation	25	30,000	13,500	7,200	15,000	9,000
Total for Desirable services	250	3,00,000	1,35,000	72,000	1,50,000	90,000

### **Annexure 3**

#### **List of external participants with whom the Committee interacted**

##### **Second online meeting held on 11<sup>th</sup> November, 2020**

##### **with Chairpersons / representatives of State Level Fee Regulatory Bodies**

- Justice M N Gilani, Maharashtra
- Sanjay Panse, IT-SFC. Maharashtra
- Ms. Leena Jagadale, IT, Maharashtra
- Justice Swaroop Reddy, Telengana
- Justice V. Eswaraiyah, Andhra Pradesh
- Justice Subhash B Adi, Karnataka
- Justice Surinder Gupta, Haryana
- Justice K Venkatraman, Tamil Nadu
- Justice Rajendra Babu, Kerala
- Shri. Mohinder Singh Sidhu, Punjab
- Dr. Gujral, Chandigarh UT
- Shri Ramesh Negi, Delhi
- Justice Deepak Angra, Himachal Pradesh
- Justice P. Ray, West Bengal
- Prof. R S Mali, Chhattisgarh
- Justice Akshay H Mehta, Gujrat
- Dr Vivek B Kamat, Goa
- Shri. Sunil Kumar Chaudhary, Uttar Pradesh
- Justice N Authinathak, Puducherry UT
- Dr. D A Hindoliya, Madhya Pradesh
- Justice Anil Kumar Shukla
- Justice R Raje
- Shri. Anurag Verma
- Dr. Manpreet Singh
- Shri. Nrijendra Singh Jain

##### **Third online meeting held on 7<sup>th</sup> January, 2021**

##### **with the students & parents of various institutes all over India.**

Around 100 students and parents participated in the meeting which was coordinated by the AICTE Regional Officers of the following regions:

- NRO
- NWRO
- WRO
- SWRO
- SWRO (camp office)
- SCRO
- SRO
- CRO
- ERO

**Fourth online meeting held on 05<sup>th</sup> February, 2021**

**with the Management / Association of Technical institutions of NRO and NWRO regions.**

- Association of Gazetted Officers for Technical Education, New Delhi
- Punjab Unaided Technical Institution (Punjab)
- Punjab Unaided Colleges Association (Punjab)
- Education Promotion Society for India, New Delhi
- Rajasthan Engineering College Society
- Association of Institute for Mgt. Tech. Edu. (U.P)
- Uttar Pradesh Technical Institutions Federation
- Shri Ram Murti Smarak College of Engineering & Technology, Bareilly
- Bihar Private Technical & Professional Institutions Association
- Rajasthan Government Polytechnic College Teachers Association (Technical)
- Association of self-funded Institutions of Engineering of Haryana

**Fifth online meeting of held on 08<sup>th</sup> February, 2021**

**with the Management / Association of Technical institutions of SWRO, SWRO (Trivanthapuram), SCRO & SRO regions.**

- Member Standing Committee on Human Resource Development, Andhra Pradesh.
- Consortium of Private Autonomous Engineering Colleges of Andhra University Region
- Consortium of Autonomous Engineering Colleges in the Region of JNTUA, Andhra Pradesh
- Andhra Pradesh Private Engineering Colleges Managements' Association
- Federation of Self Financing Technical Institutions (All India), Telangana & Andhra Pradesh
- Pondicherry Linguistic Minority Engineering Colleges Welfare Association
- Pondicherry Private Engineering Colleges Association
- Consortium of Self-Financing Professional, Arts & Science Colleges in Tamil Nadu.
- Tamil Nadu Unaided Polytechnic Management Association
- Karnataka Private Post Graduate Colleges' Association
- Management Association of Andhra Pradesh
- Association of Engineering College Management Association (Andhra Pradesh).
- Karnataka Unaided Pvt. Engineering Colleges
- Karnataka Religious & Linguistic Minority professional colleges Association
- Association of Management of Coimbatore Anna University Affiliated Colleges
- Tirunelveli Anna University self-financing Engineering Colleges Management, Tamil Nadu
- Management Association of Telangana (MBA) (Telangana).
- Engg. & Tech. and Diploma and professional college Management Association, Telangana

**Sixth online meeting held on 12<sup>th</sup> February, 2021  
with the Management / Association of Technical institutions of WRO, CRO, & ERO regions  
of AICTE.**

- Association of Self Finance College Gujarat
- Association of Private Professional Institute of Chhattisgarh
- Association of Technical Professional Institutes Madhya Pradesh
- Jharkhand Private Engineering College
- Association of management of unaided institutes in rural area, Maharashtra.
- Association of Indian Management Schools, Maharashtra.
- Association of the Management of Polytechnics, Maharashtra.
- Bharti Vidyapeeth's Jawaharlal Nehru Institute of Technology, Maharashtra.
- Orissa Private Engineering College Association, Odisha.
- Odisha Private Engineering School Association, Odisha.
- Odisha Pharmacy College Association, Odisha.
- Association of Professional Academic, West Bengal.

**Seventh online meeting held on 24<sup>th</sup> March, 2021  
with Vice Chancellors / representatives of VCs**

- Assam Science and Technology University, Assam - Dr. Dhiraj Bora, VC
- Jawaharlal Nehru Technological University, Anantapur, A.P - Prof. G. Ranga Jannardhana, VC
- Rajiv Gandhi Pradyogiki Vishwa Vidyalaya, Madhya Pradesh - Dr. Sunil Kumar Gupta, VC
- Anna University, Tamil Nadu - Prof. L. Karunamoorthy, Registrar
- Yogi Vemana University, Andhra Pradesh - Prof. M. Surya Kalavathi, VC
- Maharaja Ranjit Singh Punjab Technical University, Punjab - Prof. Buta Singh Sidhu, VC
- Chhattisgarh Swami Vivekananda Technical University, Chattisgarh - Dr. M.K.Verma, VC
- Aryabhatta Knowledge University, Bihar - Prof. Syed Mohammad Karim, VC
- Goa University - Prof. Varun Sahni, VC
- Gujarat Technological University - Dr. K. N. Kher, Registrar
- University of Jammu - Prof. M. K. Dhar, VC
- Kashmir University (J&K) - Prof. S. Muzaffar Ali Andrabi, Dean of Engg.
- Guru Gobind Singh Indraprastha University, Delhi - Prof. Pravin Chandra, Dean
- University of Hyderabad, Telangana - Prof. Koteswararao V. Rajulapati, Professor
- Pondicherry University, Puducherry - Dr. S. Balakrishnan, Director
- Maulana Abul Kalam Azad University of Technology, West Bengal - Prof. Saikat Maitra, VC
- Rajasthan Technical University, Dr.R.A. Gupta, VC
- Dr. A.P.J. Abdul Kalam Technical University, U.P
- Guru Jambheshwar University of Science and Technology, Haryana
- Savitribai Phule Pune University, Maharashtra
- Dr. Babasaheb Ambedkar Technological University, Maharashtra.
- Bikaner Technical University, Rajasthan.

## **Annexure 04**

### **Summary of views expressed by the stakeholders with whom the Committee interacted**

- Methodology adopted for working out the fees by the previous Committee is fine
- Fee structure be revised every three years as it is difficult to define every year
- Fees may remain same for entire duration of the study
- Minimum fees be also specified to avoid arbitrariness at state regulatory level
- Divisor be taken as minimum of sanctioned intake and students on roll.
- Some allowance be considered for vacancies and dropouts
- Allow for qualified faculty yet to get approvals from appropriate authorities
- Allow for loan towards working capital to take care of delayed reimbursement of fees by state governments
- Provision be made for incentives for accreditation, quality, placement etc.
- Minimum fee be prescribed but there need not be a cap on maximum fees
- Fees be reviewed every year
- If need be Regulatory authority's representative may visit Institutes
- Institutes be classified in three categories, A more than norms, B just norms and C nominal facilities
- Model guidelines / SOP be made available for fee determination
- Indiscriminate increase in intake by deemed / private Universities be curbed
- Source of money is not important, allow Institutes to charge lesser fees than minimum fees
- Check hostel and food charges as at some places they are exorbitant
- Institute should provide breakdown of fees / provide transparency
- During pandemic some concession in fees should have been provided
- May consider concession for persons with disabilities
- Fees be fixed on the basis of norms, however consider outcomes, too
- Calendar be fixed for fee fixation prior to every academic year
- Consider charges for content beyond curriculum and latest industry requirements
- Fees be fixed based on credits
- AICTE may consider Intake depository to compensate for vacancies in future when demand increases
- Non salary expenditure be capped at 50%
- Fix fees considering affordability of parents
- Norms be considered as per intake level, e.g. if less than 30 then consider half division
- National fees Committee recommendations be made binding on State fees regulators
- General guidelines be provided for escalation
- Consideration be given to digital teaching-learning
- Responsibilities of affiliating University and AICTE need to be clear as regards to meeting norms and charging fees
- Exploitation of faculty be avoided
- Student exploitation by charging fines etc. for frivolous reasons be curbed
- University may establish sustainability endowment fund
- AICTE need to re-look into all norms and requirements with reference to NEP 2020
- Fee regulators need to provide written order with reasoning

**Annexure 5.****Working sheets for computation of ‘Minimum’ and ‘Maximum’ fees**

Table No	Level	Working sheets for Program	Page No
	Diploma		
5.1		Engineering & Technology	41
5.2		Applied arts & crafts	46
5.3		Design	51
5.4		Hotel Management & Catering Technology	56
	UG Degree		
5.5		Engineering & Technology	61
5.6		Planning	66
5.7		Applied arts & crafts	71
5.8		Design	76
5.9		Hotel Management & Catering Technology	81
	PG Degree		
5.10		Engineering & Technology	86
5.11		Planning	91
5.12		Applied arts & crafts	96
5.13		Design	101
5.14		Hotel Management & Catering Technology	106
5.15		MCA	111
5.16		Management	116

Table 5.1. Working sheets for computation of fees – Engineering & Technology- Diploma / 3 Years

(Sheet 1/5)

Program	Level & Duration in Years		Engineering & Technology	
			Diploma / 3 Years	
			Minimum	Maximum
Faculty student ratio	FSR		1:25	1:25
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary		Level	Basic @ entry	Average
		Allowances	No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		3,97,20,140	10,01,59,857
Total cost of Learning Resources	CLR		14,39,063	7,19,531
Total cost of IT Infrastructure	CII		39,32,628	41,06,868
Total Infrastructure Operational Costs	CIO		45,00,000	15,00,000
Miscellaneous Costs	CMI		35,32,500	37,57,500
Total Costs			5,31,24,331	11,02,43,757
Tuition Fees per student	TutF		59,027	1,22,493
Development fee per student	DevF		8,854	18,374
Total fees per annum per student	TotF		67,900	1,40,900



Table 5.1. Working sheets for computation of fees – **Engineering & Technology- Diploma / 3 Years**  
(Sheet 2/5)

<b>Program</b>			<b>Engineering &amp; Technology</b>	
<b>Level &amp; Duration in Years</b>			<b>Diploma / 3 Years</b>	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	5	5
Program duration	D	Years	3	3
Sanctioned intake per division	SI	No.	60	60
Total students for the entire program	ST	No.	900	900
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	25	25
Cadre ratio		Lecturer		
		HoD		
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		36	36
Cadre-wise required no of faculty				36
No of adjunct faculty	AF	percentage of TF	4	-
No of contractual faculty	CF	percentage of TF	7	-
Regular Lecturers	RL		20	31
Regular HoDs	RA		5	5
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.1. Working sheets for computation of fees – **Engineering & Technology- Diploma / 3 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	250	125
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	20	20
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.1. Working sheets for computation of fees – **Engineering & Technology- Diploma / 3 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		2,13,48,000	6,98,04,096
Salary of non-teaching staff	SN		64,04,400	2,09,41,229
Salary of contractual & adjunct faculty	SA		88,80,000	-
Cost of other benefits	SO		27,75,240	90,74,532
Cost of Industry Institute Interaction	SI		1,50,000	1,50,000
Cost of Faculty development	SD		62,500	90,000
Research fund	SS		1,00,000	1,00,000
Total cost of Human Resources	CHR		3,97,20,140	10,01,59,857
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		9,37,500	4,68,750
Library Journals	CJ		2,34,375	1,17,188
e-resources	CE		2,34,375	1,17,188
Newspaper & magazines	CN		9,375	4,688
Hardware and Software	CH		23,438	11,719
Total cost of Learning Resources	CLR		14,39,063	7,19,531

Table 5.1. Working sheets for computation of fees – **Engineering & Technology- Diploma / 3 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		23,10,000	24,55,200
Cost of servers	CS		2,47,500	2,47,500
Cost of printers	CP		36,828	36,828
Cost of software	CS		7,50,000	7,50,000
Cost of peripherals, networking etc.	CN		5,11,500	5,40,540
Cost of internet & Intranet	CI		46,800	46,800
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		39,32,628	41,06,868
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		45,00,000	15,00,000
Total Infrastructure Operational Costs	CIO		45,00,000	15,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		6,52,500	6,52,500
Cost of affiliation, approvals etc.	CA		90,000	90,000
Cost of repair, maintenance	CR		27,90,000	27,90,000
Cost of desirables	CD		-	2,25,000
Miscellaneous Costs	CMI		35,32,500	37,57,500

Table 5.2. Working sheets for computation of fees – App Arts & Crafts - Diploma / 3 Years  
(Sheet 1/5)

<b>Program</b>			<b>App Arts &amp; Crafts</b>	
<b>Level &amp; Duration in Years</b>			<b>Diploma / 3 Years</b>	
			Minimum	Maximum
Faculty student ratio	FSR		1:25	1:25
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary		Level	Basic entry level	Average salary
		Allowances	No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		1,41,47,852	3,32,98,780
Total cost of Learning Resources	CLR		6,90,750	8,63,438
Total cost of IT Infrastructure	CII		15,22,858	15,70,378
Total Infrastructure Operational Costs	CIO		18,00,000	18,00,000
Miscellaneous Costs	CMI		10,59,750	11,27,250
Total Costs			1,92,21,210	3,86,59,845
Tuition Fees per student	TutF		71,190	1,43,185
Development fee per student	DevF		10,678	21,478
Total fees per annum per student	TotF		81,900	1,64,700

Table 5.2. Working sheets for computation of fees – **App Arts & Crafts - Diploma / 3 Years**  
(Sheet 2/5)

<b>Program</b>			<b>App Arts &amp; Crafts</b>	
<b>Level &amp; Duration in Years</b>			<b>Diploma / 3 Years</b>	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	3	3
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	270	270
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	25	25
Cadre ratio		Lecturer		
		HoD		
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		11	11
Cadre-wise required no of faculty			11	11
No of adjunct faculty	AF	percentage of TF	1	-
No of contractual faculty	CF	percentage of TF	2	-
Regular Lecturers	RL		5	8
Regular HoDs	RA		3	3
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.2. Working sheets for computation of fees – **App Arts & Crafts - Diploma / 3 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	200	250
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.2. Working sheets for computation of fees – **App Arts & Crafts - Diploma / 3 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		80,96,400	2,31,61,734
Salary of non-teaching staff	SN		24,28,920	69,48,520
Salary of contractual & adjunct faculty	SA		24,00,000	-
Cost of other benefits	SO		10,52,532	30,11,025
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		20,000	27,500
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		1,41,47,852	3,32,98,780
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		4,50,000	5,62,500
Library Journals	CJ		1,12,500	1,40,625
e-resources	CE		1,12,500	1,40,625
Newspaper & magazines	CN		4,500	5,625
Hardware and Software	CH		11,250	14,063
Total cost of Learning Resources	CLR		6,90,750	8,63,438



Table 5.2. Working sheets for computation of fees – **App Arts & Crafts - Diploma / 3 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		6,99,600	7,39,200
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		11,088	11,088
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		1,69,620	1,77,540
Cost of internet & Intranet	CI		14,050	14,050
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		15,22,858	15,70,378
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		18,00,000	18,00,000
Total Infrastructure Operational Costs	CIO		18,00,000	18,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		1,95,750	1,95,750
Cost of affiliation, approvals etc.	CA		27,000	27,000
Cost of repair, maintenance	CR		8,37,000	8,37,000
Cost of desirables	CD		-	67,500
Miscellaneous Costs	CMI		10,59,750	11,27,250

Table 5.3. Working sheets for computation of fees – Design - Diploma / 3 Years  
(Sheet 1/5)

<b>Program</b>			<b>Design</b>	
<b>Level &amp; Duration in Years</b>			<b>Diploma / 3 Years</b>	
			Minimum	Maximum
Faculty student ratio	FSR		1:25	1:25
Percent of Adjunct faculty	Pa		20%	10
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary		Level	Basic entry level	Average salary
		Allowances	No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		1,41,42,676	3,21,04,692
Total cost of Learning Resources	CLR		8,63,438	8,63,438
Total cost of IT Infrastructure	CII		15,07,018	15,62,458
Total Infrastructure Operational Costs	CIO		18,00,000	22,50,000
Miscellaneous Costs	CMI		10,59,750	11,27,250
Total Costs			1,93,72,882	3,79,07,837
Tuition Fees per student	TutF		71,751	1,40,399
Development fee per student	DevF		10,763	21,060
Total fees per annum per student	TotF		82,500	1,61,500

Table 5.3. Working sheets for computation of fees – **Design - Diploma / 3 Years**  
(Sheet 2/5)

Program			Design	
			Diploma / 3 Years	
Level & Duration in Years			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	3	3
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	270	270
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	25	25
Cadre ratio		Lecturer		
		HoD		
Percentage of adjunct faculty	Pa		20	10
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		11	11
Cadre-wise required no of faculty			11	12
No of adjunct faculty	AF	percentage of TF	2	1
No of contractual faculty	CF	percentage of TF	2	-
Regular Lecturers	RL		4	8
Regular HoDs	RA		3	3
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.3. Working sheets for computation of fees – **Design - Diploma / 3 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	250	250
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.3. Working sheets for computation of fees – **Design - Diploma / 3 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		74,23,200	2,16,56,253
Salary of non-teaching staff	SN		22,26,960	64,96,876
Salary of contractual & adjunct faculty	SA		33,60,000	9,60,000
Cost of other benefits	SO		9,65,016	28,15,313
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		17,500	26,250
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		1,41,42,676	3,21,04,692
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		5,62,500	5,62,500
Library Journals	CJ		1,40,625	1,40,625
e-resources	CE		1,40,625	1,40,625
Newspaper & magazines	CN		5,625	5,625
Hardware and Software	CH		14,063	14,063
Total cost of Learning Resources	CLR		8,63,438	8,63,438

Table 5.3. Working sheets for computation of fees – **Design - Diploma / 3 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		6,86,400	7,32,600
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		11,088	11,088
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		1,66,980	1,76,220
Cost of internet & Intranet	CI		14,050	14,050
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		15,07,018	15,62,458
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		18,00,000	22,50,000
Total Infrastructure Operational Costs	CIO		18,00,000	22,50,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		1,95,750	1,95,750
Cost of affiliation, approvals etc.	CA		27,000	27,000
Cost of repair, maintenance	CR		8,37,000	8,37,000
Cost of desirables	CD		-	67,500
Miscellaneous Costs	CMI		10,59,750	11,27,250

Table 5.4. Working sheets for computation of fees – Hotel Mgmt. & Catering Tech. - Diploma / 3 Years  
(Sheet 1/5)

Program			Hotel Mgmt. & Catering Tech.	
Level & Duration in Years			Diploma / 3 Years	
			Minimum	Maximum
Faculty student ratio	FSR		1:25	1:25
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary		Level	Basic entry level	Average salary
		Allowances	No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		2,42,69,260	6,11,07,127
Total cost of Learning Resources	CLR		8,63,438	8,63,438
Total cost of IT Infrastructure	CII		23,87,516	24,82,556
Total Infrastructure Operational Costs	CIO		22,50,000	27,00,000
Miscellaneous Costs	CMI		21,19,500	22,54,500
Total Costs			3,18,89,714	6,94,07,621
Tuition Fees per student	TutF		59,055	1,28,533
Development fee per student	DevF		8,858	19,280
Total fees per annum per student	TotF		67,900	1,47,800

Table 5.4. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech. - Diploma / 3 Years**  
(Sheet 2/5)

<b>Program</b>			<b>Hotel Mgmt. &amp; Catering Tech.</b>	
<b>Level &amp; Duration in Years</b>			<b>Diploma / 3 Years</b>	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	3	3
Sanctioned intake per division	SI	No.	60	60
Total students for the entire program	ST	No.	540	540
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	25	25
Cadre ratio		Lecturer		
		HoD		
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		22	22
Cadre-wise required no of faculty			22	22
No of adjunct faculty	AF	percentage of TF	2	-
No of contractual faculty	CF	percentage of TF	4	-
Regular Lecturers	RL		13	19
Regular HoDs	RA		3	3
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000



Table 5.4. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech. - Diploma / 3 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	250	250
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.4. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech. - Diploma / 3 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,34,82,000	4,25,88,900
Salary of non-teaching staff	SN		40,44,600	1,27,76,670
Salary of contractual & adjunct faculty	SA		48,00,000	-
Cost of other benefits	SO		17,52,660	55,36,557
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		40,000	55,000
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		2,42,69,260	6,11,07,127
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		5,62,500	5,62,500
Library Journals	CJ		1,40,625	1,40,625
e-resources	CE		1,40,625	1,40,625
Newspaper & magazines	CN		5,625	5,625
Hardware and Software	CH		14,063	14,063
Total cost of Learning Resources	CLR		8,63,438	8,63,438

Table 5.4. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech. - Diploma / 3 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		13,99,200	14,78,400
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		22,176	22,176
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		3,09,540	3,25,380
Cost of internet & Intranet	CI		28,100	28,100
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		23,87,516	24,82,556
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		22,50,000	27,00,000
Total Infrastructure Operational Costs	CIO		22,50,000	27,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		3,91,500	3,91,500
Cost of affiliation, approvals etc.	CA		54,000	54,000
Cost of repair, maintenance	CR		16,74,000	16,74,000
Cost of desirables	CD		-	1,35,000
Miscellaneous Costs	CMI		21,19,500	22,54,500

Table 5.5. Working sheets for computation of fees – Engineering & Technology - Degree / 4 Years  
(Sheet 1/5)

<b>Program</b>			<b>Engineering &amp; Technology</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:20	1:20
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		6,73,36,672	18,18,17,039
Total cost of Learning Resources	CLR		14,39,063	14,39,063
Total cost of IT Infrastructure	CII		50,24,760	53,09,880
Total Infrastructure Operational Costs	CIO		45,00,000	45,00,000
Miscellaneous Costs	CMI		47,10,000	50,10,000
Total Costs			8,30,10,495	19,80,75,981
Tuition Fees per student	TutF		69,175	1,65,063
Development fee per student	DevF		10,376	24,759
Total fees per annum per student	TotF		79,600	1,89,800

Table 5.5. Working sheets for computation of fees – **Engineering & Technology - Degree / 4 Years**  
(Sheet 2/5)

<b>Program</b>			<b>Engineering &amp; Technology</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	5	5
Program duration	D	Years	4	4
Sanctioned intake per division	SI	No.	60	60
Total students for the entire program	ST	No.	1,200	1,200
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SF R	1:X	20	20
Cadre ratio		Lecturer	6	6
		HoD	2	2
			1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		60	60
Cadre-wise required no of faculty			60	60
No of adjunct faculty	AF	percent of TF	6	0
No of contractual faculty	CF	percent of TF	12	0
Regular Assistant Professors	RL		34	40
Regular Associate Professors	RA		4	13
Regular Professors	RP		4	7
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.5. Working sheets for computation of fees – **Engineering & Technology - Degree / 4 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	250	250
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC incl of Operating s/w	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	20	20
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.5. Working sheets for computation of fees – **Engineering & Technology - Degree / 4 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		3,67,70,400	12,68,65,062
Salary of non-teaching staff	SN		1,10,31,120	3,80,59,519
Salary of contractual & adjunct faculty	SA		1,44,00,000	-
Cost of other benefits	SO		47,80,152	1,64,92,458
Cost of Industry Institute Interaction	SI		1,50,000	1,50,000
Cost of Faculty development	SD		1,05,000	1,50,000
Research fund	SS		1,00,000	1,00,000
Total cost of Human Resources	CHR		6,73,36,672	18,18,17,039
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		9,37,500	9,37,500
Library Journals	CJ		2,34,375	2,34,375
e-resources	CE		2,34,375	2,34,375
Newspaper & magazines	CN		9,375	9,375
Hardware and Software	CH		23,438	23,438
Total cost of Learning Resources	CLR		14,39,063	14,39,063

Table 5.5. Working sheets for computation of fees – **Engineering & Technology - Degree / 4 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		31,94,400	34,32,000
Cost of servers	CS		2,47,500	2,47,500
Cost of printers	CP		51,480	51,480
Cost of software	CS		7,50,000	7,50,000
Cost of peripherals, networking etc.	CN		6,88,380	7,35,900
Cost of internet & intranet	CI		63,000	63,000
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		50,24,760	53,09,880
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		45,00,000	45,00,000
Total Infrastructure Operational Costs	CIO		45,00,000	45,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		8,70,000	8,70,000
Cost of affiliation, approvals etc.	CA		1,20,000	1,20,000
Cost of repair, maintenance	CR		37,20,000	37,20,000
Cost of desirables	CD		-	3,00,000
Miscellaneous Costs	CMI		47,10,000	50,10,000



Table 5.6. Working sheets for computation of fees – Planning - Degree / 4 Years  
(Sheet 1/5)

<b>Program</b>			<b>Planning</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:16	1:16
Percent of Adjunct faculty	Pa		30%	10
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		2,27,73,476	8,25,96,863
Total cost of Learning Resources	CLR		13,81,500	13,81,500
Total cost of IT Infrastructure	CII		21,94,440	24,00,360
Total Infrastructure Operational Costs	CIO		18,00,000	18,00,000
Miscellaneous Costs	CMI		18,84,000	20,04,000
Total Costs			3,00,33,416	9,01,82,723
Tuition Fees per student	TutF		62,570	1,87,881
Development fee per student	DevF		9,385	28,182
Total fees per annum per student	TotF		72,000	2,16,100

Table 5.6. Working sheets for computation of fees – **Planning - Degree / 4 Years**  
(Sheet 2/5)

<b>Program</b>			<b>Planning</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	4	4
Sanctioned intake per division	SI	No.	40	40
Total students for the entire program	ST	No.	480	480
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SF R	1:X	16	16
Cadre ratio		Lecturer	6	6
		HoD	2	2
			1	1
Percentage of adjunct faculty	Pa		30	10
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		30	30
Cadre-wise required no of faculty			29	30
No of adjunct faculty	AF	percent of TF	9	3
No of contractual faculty	CF	percent of TF	6	0
Regular Assistant Professors	RL		17	19
Regular Associate Professors	RA		-1	6
Regular Professors	RP		-2	2
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.6. Working sheets for computation of fees – **Planning - Degree / 4 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	400	400
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC incl of Operating s/w	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.6. Working sheets for computation of fees – **Planning - Degree / 4 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		67,33,200	5,55,93,960
Salary of non-teaching staff	SN		20,19,960	1,66,78,188
Salary of contractual & adjunct faculty	SA		1,29,60,000	28,80,000
Cost of other benefits	SO		8,75,316	72,27,215
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		35,000	67,500
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		2,27,73,476	8,25,96,863
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		9,00,000	9,00,000
Library Journals	CJ		2,25,000	2,25,000
e-resources	CE		2,25,000	2,25,000
Newspaper & magazines	CN		9,000	9,000
Hardware and Software	CH		22,500	22,500
Total cost of Learning Resources	CLR		13,81,500	13,81,500

Table 5.6. Working sheets for computation of fees – **Planning - Degree / 4 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		12,40,800	14,12,400
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		21,780	21,780
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		2,77,860	3,12,180
Cost of internet & intranet	CI		25,500	25,500
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		21,94,440	24,00,360
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		18,00,000	18,00,000
Total Infrastructure Operational Costs	CIO		18,00,000	18,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		3,48,000	3,48,000
Cost of affiliation, approvals etc.	CA		48,000	48,000
Cost of repair, maintenance	CR		14,88,000	14,88,000
Cost of desirables	CD		-	1,20,000
Miscellaneous Costs	CMI		18,84,000	20,04,000

Table 5.7. Working sheets for computation of fees – Applied Arts & Crafts - Degree / 4 Years  
(Sheet 1/5)

<b>Program</b>			<b>Applied Arts &amp; Crafts</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:10	1:10
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		5,44,18,644	14,53,06,174
Total cost of Learning Resources	CLR		17,26,875	17,26,875
Total cost of IT Infrastructure	CII		24,99,864	27,37,464
Total Infrastructure Operational Costs	CIO		18,00,000	18,00,000
Miscellaneous Costs	CMI		18,84,000	20,04,000
Total Costs			6,23,29,383	15,35,74,513
Tuition Fees per student	TutF		1,29,853	3,19,947
Development fee per student	DevF		19,478	47,992
Total fees per annum per student	TotF		1,49,300	3,67,900

Table 5.7. Working sheets for computation of fees – **Applied Arts & Crafts - Degree / 4 Years**  
(Sheet 2/5)

<b>Program</b>			<b>App Arts &amp; Crafts</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	4	4
Sanctioned intake per division	SI	No.	40	40
Total students for the entire program	ST	No.	480	480
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SF R	1:X	10	10
Cadre ratio		Lecturer	6	6
		HoD	2	2
			1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		48	48
Cadre-wise required no of faculty			48	48
No of adjunct faculty	AF	percent of TF	5	0
No of contractual faculty	CF	percent of TF	10	0
Regular Assistant Professors	RL		26	32
Regular Associate Professors	RA		4	11
Regular Professors	RP		3	5
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.7. Working sheets for computation of fees – **Applied Arts & Crafts - Degree / 4 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	500	500
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC incl of Operating s/w	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15



Table 5.7. Working sheets for computation of fees – **Applied Arts & Crafts - Degree / 4 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		2,95,00,800	10,14,23,898
Salary of non-teaching staff	SN		88,50,240	3,04,27,169
Salary of contractual & adjunct faculty	SA		1,20,00,000	-
Cost of other benefits	SO		38,35,104	1,31,85,107
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		82,500	1,20,000
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		5,44,18,644	14,53,06,174
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		11,25,000	11,25,000
Library Journals	CJ		2,81,250	2,81,250
e-resources	CE		2,81,250	2,81,250
Newspaper & magazines	CN		11,250	11,250
Hardware and Software	CH		28,125	28,125
Total cost of Learning Resources	CLR		17,26,875	17,26,875

Table 5.7. Working sheets for computation of fees – **Applied Arts & Crafts - Degree / 4 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		14,91,600	16,89,600
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		25,344	25,344
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		3,28,020	3,67,620
Cost of internet & intranet	CI		26,400	26,400
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		24,99,864	27,37,464
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		18,00,000	18,00,000
Total Infrastructure Operational Costs	CIO		18,00,000	18,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		3,48,000	3,48,000
Cost of affiliation, approvals etc.	CA		48,000	48,000
Cost of repair, maintenance	CR		14,88,000	14,88,000
Cost of desirables	CD		-	1,20,000
Miscellaneous Costs	CMI		18,84,000	20,04,000

Table 5.8. Working sheets for computation of fees – Design - Degree / 4 Years  
(Sheet 1/5)

<b>Program</b>			<b>Design</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:10	1:10
Percent of Adjunct faculty	Pa		20%	10
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		5,88,93,784	16,12,40,701
Total cost of Learning Resources	CLR		28,78,125	28,78,125
Total cost of IT Infrastructure	CII		32,95,920	35,81,040
Total Infrastructure Operational Costs	CIO		22,50,000	22,50,000
Miscellaneous Costs	CMI		23,55,000	25,05,000
Total Costs			6,96,72,829	17,24,54,866
Tuition Fees per student	TutF		1,16,121	2,87,425
Development fee per student	DevF		17,418	43,114
Total fees per annum per student	TotF		1,33,500	3,30,500

Table 5.8. Working sheets for computation of fees – **Design - Degree / 4 Years**  
(Sheet 2/5)

<b>Program</b>			<b>Design</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	5	5
Program duration	D	Years	4	4
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	600	600
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SF R	1:X	10	10
Cadre ratio		Lecturer	6	6
		HoD	2	2
			1	1
Percentage of adjunct faculty	Pa		20	10
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		60	60
Cadre-wise required no of faculty			60	60
No of adjunct faculty	AF	percent of TF	12	6
No of contractual faculty	CF	percent of TF	12	0
Regular Assistant Professors	RL		34	40
Regular Associate Professors	RA		1	10
Regular Professors	RP		1	4
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.8. Working sheets for computation of fees – **Design - Degree / 4 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	500	500
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC incl of Operating s/w	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.8. Working sheets for computation of fees – **Design - Degree / 4 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		2,68,48,800	10,84,58,532
Salary of non-teaching staff	SN		80,54,640	3,25,37,560
Salary of contractual & adjunct faculty	SA		2,01,60,000	57,60,000
Cost of other benefits	SO		34,90,344	1,40,99,609
Cost of Industry Institute Interaction	SI		1,50,000	1,50,000
Cost of Faculty development	SD		90,000	1,35,000
Research fund	SS		1,00,000	1,00,000
Total cost of Human Resources	CHR		5,88,93,784	16,12,40,701
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		18,75,000	18,75,000
Library Journals	CJ		4,68,750	4,68,750
e-resources	CE		4,68,750	4,68,750
Newspaper & magazines	CN		18,750	18,750
Hardware and Software	CH		46,875	46,875
Total cost of Learning Resources	CLR		28,78,125	28,78,125

Table 5.8. Working sheets for computation of fees – **Design - Degree / 4 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		17,95,200	20,32,800
Cost of servers	CS		2,47,500	2,47,500
Cost of printers	CP		31,680	31,680
Cost of software	CS		7,50,000	7,50,000
Cost of peripherals, networking etc.	CN		4,08,540	4,56,060
Cost of internet & intranet	CI		33,000	33,000
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		32,95,920	35,81,040
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		22,50,000	22,50,000
Total Infrastructure Operational Costs	CIO		22,50,000	22,50,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		4,35,000	4,35,000
Cost of affiliation, approvals etc.	CA		60,000	60,000
Cost of repair, maintenance	CR		18,60,000	18,60,000
Cost of desirables	CD		-	1,50,000
Miscellaneous Costs	CMI		23,55,000	25,05,000

Table 5.9. Working sheets for computation of fees – Hotel Mgmt. & Catering Tech - Degree / 4 Years (Sheet 1/5)

<b>Program</b>			<b>Hotel Mgmt. &amp; Catering Tech.</b>	
<b>Level &amp; Duration in Years</b>			<b>Degree / 4 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:20	1:20
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		4,06,08,556	10,90,57,738
Total cost of Learning Resources	CLR		17,26,875	17,26,875
Total cost of IT Infrastructure	CII		30,23,688	31,97,928
Total Infrastructure Operational Costs	CIO		27,00,000	27,00,000
Miscellaneous Costs	CMI		28,26,000	30,06,000
Total Costs			5,08,85,119	11,96,88,541
Tuition Fees per student	TutF		70,674	1,66,234
Development fee per student	DevF		10,601	24,935
Total fees per annum per student	TotF		81,300	1,91,200



Table 5.9. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech - Degree / 4 Years**  
(Sheet 2/5)

Program			Hotel Mgmt. & Catering Tech.	
Level & Duration in Years			Degree / 4 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	4	4
Sanctioned intake per division	SI	No.	60	60
Total students for the entire program	ST	No.	720	720
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SF R	1:X	20	20
Cadre ratio		Lecturer	6	6
		HoD	2	2
			1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		36	36
Cadre-wise required no of faculty			36	36
No of adjunct faculty	AF	percent of TF	4	0
No of contractual faculty	CF	percent of TF	7	0
Regular Assistant Professors	RL		20	24
Regular Associate Professors	RA		3	8
Regular Professors	RP		2	4
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.9. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech - Degree / 4 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	500	500
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC incl of Operating s/w	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.9. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech - Degree / 4 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		2,20,39,200	7,60,96,320
Salary of non-teaching staff	SN		66,11,760	2,28,28,896
Salary of contractual & adjunct faculty	SA		88,80,000	-
Cost of other benefits	SO		28,65,096	98,92,522
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		62,500	90,000
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		4,06,08,556	10,90,57,738
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		11,25,000	11,25,000
Library Journals	CJ		2,81,250	2,81,250
e-resources	CE		2,81,250	2,81,250
Newspaper & magazines	CN		11,250	11,250
Hardware and Software	CH		28,125	28,125
Total cost of Learning Resources	CLR		17,26,875	17,26,875

Table 5.9. Working sheets for computation of fees – **Hotel Mgmt. & Catering Tech - Degree / 4 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		19,14,000	20,59,200
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		30,888	30,888
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		4,12,500	4,41,540
Cost of internet & intranet	CI		37,800	37,800
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		30,23,688	31,97,928
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		27,00,000	27,00,000
Total Infrastructure Operational Costs	CIO		27,00,000	27,00,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		5,22,000	5,22,000
Cost of affiliation, approvals etc.	CA		72,000	72,000
Cost of repair, maintenance	CR		22,32,000	22,32,000
Cost of desirables	CD		-	1,80,000
Miscellaneous Costs	CMI		28,26,000	30,06,000

Table 5.10. Working sheets for computation of fees – Engineering & Technology - PG Degree / 2 Years  
(Sheet 1/5)

Program			Engineering & Technology	
			PG Degree / 2 Years	
Level & Duration in Years			Minimum	Maximum
Faculty student ratio	FSR		1:15	1:15
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		3,14,27,316	7,37,27,494
Total cost of Learning Resources	CLR		5,75,625	5,75,625
Total cost of IT Infrastructure	CII		25,21,570	26,16,610
Total Infrastructure Operational Costs	CIO		11,25,000	11,25,000
Miscellaneous Costs	CMI		11,77,500	12,52,500
Total Costs			3,68,27,011	7,92,97,229
Tuition Fees per student	TutF		1,22,757	2,64,324
Development fee per student	DevF		18,414	39,649
Total fees per annum per student	TotF		1,41,200	3,04,000

Table 5.10. Working sheets for computation of fees – **Engineering & Technology - PG Degree / 2 Years**  
(Sheet 2/5)

Program	Level & Duration in Years	Engineering & Technology		
		PG Degree / 2 Years		
		Minimum	Maximum	
<b>1. Program details</b>				
No of courses / divisions	C	No.	5	5
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	300	300
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	15	15
Cadre ratio		Asst Prof	1	1
		Asso Professor	1	1
		Professor	1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		20	20
Cadre-wise required no of faculty			20	20
No of adjunct faculty	AF	percentage of TF	2	-
No of contractual faculty	CF	percentage of TF	4	-
Regular Assistant Professors	RL		5	7
Regular Associate Professors	RA		4	7
Regular Professors	RP		5	6
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.10. Working sheets for computation of fees – **Engineering & Technology - PG Degree / 2 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	100	100
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	20	20
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.10. Working sheets for computation of fees – **Engineering & Technology - PG Degree / 2 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,84,21,200	5,13,47,898
Salary of non-teaching staff	SN		55,26,360	1,54,04,369
Salary of contractual & adjunct faculty	SA		48,00,000	-
Cost of other benefits	SO		23,94,756	66,75,227
Cost of Industry Institute Interaction	SI		1,50,000	1,50,000
Cost of Faculty development	SD		35,000	50,000
Research fund	SS		1,00,000	1,00,000
Total cost of Human Resources	CHR		3,14,27,316	7,37,27,494
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		3,75,000	3,75,000
Library Journals	CJ		93,750	93,750
e-resources	CE		93,750	93,750
Newspaper & magazines	CN		3,750	3,750
Hardware and Software	CH		9,375	9,375
Total cost of Learning Resources	CLR		5,75,625	5,75,625



Table 5.10. Working sheets for computation of fees – **Engineering & Technology - PG Degree / 2 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		11,74,800	12,54,000
Cost of servers	CS		2,47,500	2,47,500
Cost of printers	CP		18,810	18,810
Cost of software	CS		7,50,000	7,50,000
Cost of peripherals, networking etc.	CN		2,84,460	3,00,300
Cost of internet & Intranet	CI		16,000	16,000
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		25,21,570	26,16,610
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		11,25,000	11,25,000
Total Infrastructure Operational Costs	CIO		11,25,000	11,25,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		2,17,500	2,17,500
Cost of affiliation, approvals etc.	CA		30,000	30,000
Cost of repair, maintenance	CR		9,30,000	9,30,000
Cost of desirables	CD		-	75,000
Miscellaneous Costs	CMI		11,77,500	12,52,500

Table 5.11. Working sheets for computation of fees – Planning - PG Degree / 2 Years  
(Sheet 1/5)

Program			Planning	
			PG Degree / 2 Years	
			Minimum	Maximum
Faculty student ratio	FSR		1:10	1:10
Percent of Adjunct faculty	Pa		30%	10
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		99,33,900	2,23,20,885
Total cost of Learning Resources	CLR		1,15,125	1,15,125
Total cost of IT Infrastructure	CII		5,47,818	5,79,498
Total Infrastructure Operational Costs	CIO		2,25,000	2,25,000
Miscellaneous Costs	CMI		2,35,500	2,50,500
Total Costs			1,10,57,343	2,34,91,008
Tuition Fees per student	TutF		1,84,289	3,91,517
Development fee per student	DevF		27,643	58,728
Total fees per annum per student	TotF		2,11,900	4,50,200

Table 5.11. Working sheets for computation of fees – **Planning - PG Degree / 2 Years**  
(Sheet 2/5)

Program	Level & Duration in Years		Planning	
			PG Degree / 2 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	1	1
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	60	60
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	10	10
Cadre ratio		Asst Prof	1	1
		Asso Professor	1	1
		Professor	1	1
Percentage of adjunct faculty	Pa		30	10
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		6	6
Cadre-wise required no of faculty			6	6
No of adjunct faculty	AF	percentage of TF	1	-
No of contractual faculty	CF	percentage of TF	1	-
Regular Assistant Professors	RL		1	2
Regular Associate Professors	RA		1	2
Regular Professors	RP		2	2
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.11. Working sheets for computation of fees – **Planning - PG Degree / 2 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	100	100
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.11. Working sheets for computation of fees – **Planning - PG Degree / 2 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		57,30,000	1,55,63,556
Salary of non-teaching staff	SN		17,19,000	46,69,067
Salary of contractual & adjunct faculty	SA		16,80,000	-
Cost of other benefits	SO		7,44,900	20,23,262
Cost of Industry Institute Interaction	SI		30,000	30,000
Cost of Faculty development	SD		10,000	15,000
Research fund	SS		20,000	20,000
Total cost of Human Resources	CHR		99,33,900	2,23,20,885
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		75,000	75,000
Library Journals	CJ		18,750	18,750
e-resources	CE		18,750	18,750
Newspaper & magazines	CN		750	750
Hardware and Software	CH		1,875	1,875
Total cost of Learning Resources	CLR		1,15,125	1,15,125

Table 5.11. Working sheets for computation of fees – **Planning - PG Degree / 2 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		2,50,800	2,77,200
Cost of servers	CS		49,500	49,500
Cost of printers	CP		4,158	4,158
Cost of software	CS		1,50,000	1,50,000
Cost of peripherals, networking etc.	CN		60,060	65,340
Cost of internet & Intranet	CI		3,300	3,300
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		5,47,818	5,79,498
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		2,25,000	2,25,000
Total Infrastructure Operational Costs	CIO		2,25,000	2,25,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		43,500	43,500
Cost of affiliation, approvals etc.	CA		6,000	6,000
Cost of repair, maintenance	CR		1,86,000	1,86,000
Cost of desirables	CD		-	15,000
Miscellaneous Costs	CMI		2,35,500	2,50,500

Table 5.12. Working sheets for computation of fees **Applied Arts & Crafts - PG Degree / 2 Years**  
(Sheet 1/5)

Program			Applied Arts & Crafts	
			PG Degree / 2 Years	
Level & Duration in Years			Minimum	Maximum
Faculty student ratio	FSR		1:10	1:10
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		3,11,31,656	6,69,62,655
Total cost of Learning Resources	CLR		3,45,375	3,45,375
Total cost of IT Infrastructure	CII		16,15,134	16,78,494
Total Infrastructure Operational Costs	CIO		6,75,000	6,75,000
Miscellaneous Costs	CMI		7,06,500	7,51,500
Total Costs			3,44,73,665	7,04,13,024
Tuition Fees per student	TutF		1,91,520	3,91,183
Development fee per student	DevF		28,728	58,678
Total fees per annum per student	TotF		2,20,200	4,49,900

Table 5.12. Working sheets for computation of fees **Applied Arts & Crafts - PG Degree / 2 Years**  
(Sheet 2/5)

Program	Level & Duration in Years		App Arts & Crafts	
			PG Degree / 2 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	180	180
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	10	10
Cadre ratio		Asst Prof	1	1
		Asso Professor	1	1
		Professor	1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		18	18
Cadre-wise required no of faculty			18	18
No of adjunct faculty	AF	percentage of TF	1	-
No of contractual faculty	CF	percentage of TF	3	-
Regular Assistant Professors	RL		4	6
Regular Associate Professors	RA		4	6
Regular Professors	RP		6	6
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000



Table 5.12. Working sheets for computation of fees **Applied Arts & Crafts - PG Degree / 2 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	100	100
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.12. Working sheets for computation of fees **Applied Arts & Crafts - PG Degree / 2 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,94,59,200	4,66,90,668
Salary of non-teaching staff	SN		58,37,760	1,40,07,200
Salary of contractual & adjunct faculty	SA		31,20,000	-
Cost of other benefits	SO		25,29,696	60,69,787
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		35,000	45,000
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		3,11,31,656	6,69,62,655
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		2,25,000	2,25,000
Library Journals	CJ		56,250	56,250
e-resources	CE		56,250	56,250
Newspaper & magazines	CN		2,250	2,250
Hardware and Software	CH		5,625	5,625
Total cost of Learning Resources	CLR		3,45,375	3,45,375

Table 5.12. Working sheets for computation of fees **Applied Arts & Crafts - PG Degree / 2 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		7,78,800	8,31,600
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		12,474	12,474
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		1,85,460	1,96,020
Cost of internet & Intranet	CI		9,900	9,900
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		16,15,134	16,78,494
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		6,75,000	6,75,000
Total Infrastructure Operational Costs	CIO		6,75,000	6,75,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		1,30,500	1,30,500
Cost of affiliation, approvals etc.	CA		18,000	18,000
Cost of repair, maintenance	CR		5,58,000	5,58,000
Cost of desirables	CD		-	45,000
Miscellaneous Costs	CMI		7,06,500	7,51,500

Table 5.13. Working sheets for computation of fees **Design - PG Degree / 2 Years**  
(Sheet 1/5)

<b>Program</b>			<b>Design</b>	
<b>Level &amp; Duration in Years</b>			<b>PG Degree / 2 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:7.5	1:7.5
Percent of Adjunct faculty	Pa		20%	10
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		1,84,33,460	4,13,43,595
Total cost of Learning Resources	CLR		3,45,375	3,45,375
Total cost of IT Infrastructure	CII		11,53,251	12,00,771
Total Infrastructure Operational Costs	CIO		3,37,500	3,37,500
Miscellaneous Costs	CMI		3,53,250	3,75,750
Total Costs			2,06,22,836	4,36,02,991
Tuition Fees per student	TutF		2,29,143	4,84,478
Development fee per student	DevF		34,371	72,672
Total fees per annum per student	TotF		2,63,500	5,57,100

Table 5.13. Working sheets for computation of fees **Design - PG Degree / 2 Years**  
(Sheet 2/5)

Program	Level & Duration in Years		Design	
			PG Degree / 2 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	15	15
Total students for the entire program	ST	No.	90	90
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	7.5	7.5
Cadre ratio		Asst Prof	1	1
		Asso Professor	1	1
		Professor	1	1
Percentage of adjunct faculty	Pa		20	10
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		12	12
Cadre-wise required no of faculty			12	12
No of adjunct faculty	AF	percentage of TF	2	1
No of contractual faculty	CF	percentage of TF	2	-
Regular Assistant Professors	RL		3	4
Regular Associate Professors	RA		2	3
Regular Professors	RP		3	4
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.13. Working sheets for computation of fees **Design - PG Degree / 2 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	100	100
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.13. Working sheets for computation of fees **Design - PG Degree / 2 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,04,22,000	2,81,16,150
Salary of non-teaching staff	SN		31,26,600	84,34,845
Salary of contractual & adjunct faculty	SA		33,60,000	9,60,000
Cost of other benefits	SO		13,54,860	36,55,100
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		20,000	27,500
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		1,84,33,460	4,13,43,595
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		2,25,000	2,25,000
Library Journals	CJ		56,250	56,250
e-resources	CE		56,250	56,250
Newspaper & magazines	CN		2,250	2,250
Hardware and Software	CH		5,625	5,625
Total cost of Learning Resources	CLR		3,45,375	3,45,375

Table 5.13. Working sheets for computation of fees **Design - PG Degree / 2 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		4,02,600	4,42,200
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		6,831	6,831
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		1,10,220	1,18,140
Cost of internet & Intranet	CI		5,100	5,100
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		11,53,251	12,00,771
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		3,37,500	3,37,500
Total Infrastructure Operational Costs	CIO		3,37,500	3,37,500
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		65,250	65,250
Cost of affiliation, approvals etc.	CA		9,000	9,000
Cost of repair, maintenance	CR		2,79,000	2,79,000
Cost of desirables	CD		-	22,500
Miscellaneous Costs	CMI		3,53,250	3,75,750



Table 5.14. Working sheets for computation of fees Hotel Mgmt. & Catering Tech. - PG Degree / 2 Years  
(Sheet 1/5)

<b>Program</b>			<b>Hotel M &amp; C Tech</b>	
<b>Level &amp; Duration in Years</b>			<b>PG Degree / 2 Years</b>	
			<b>Minimum</b>	<b>Maximum</b>
Faculty student ratio	FSR		1:12	1:12
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		2,54,04,728	5,58,27,213
Total cost of Learning Resources	CLR		3,45,375	3,45,375
Total cost of IT Infrastructure	CII		15,66,870	16,30,230
Total Infrastructure Operational Costs	CIO		6,75,000	6,75,000
Miscellaneous Costs	CMI		7,06,500	7,51,500
Total Costs			2,86,98,473	5,92,29,318
Tuition Fees per student	TutF		1,59,436	3,29,052
Development fee per student	DevF		23,915	49,358
Total fees per annum per student	TotF		1,83,400	3,78,400

Table 5.14. Working sheets for computation of fees **Hotel Mgmt. & Catering Tech. - PG Degree / 2 Years**  
(Sheet 2/5)

Program	Level & Duration in Years		Hotel M & C Tech	
			PG Degree / 2 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	30	30
Total students for the entire program	ST	No.	180	180
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	12	12
Cadre ratio		Asst Prof	1	1
		Asso Professor	1	1
		Professor	1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		15	15
Cadre-wise required no of faculty			15	15
No of adjunct faculty	AF	percentage of TF	1	-
No of contractual faculty	CF	percentage of TF	3	-
Regular Assistant Professors	RL		3	5
Regular Associate Professors	RA		3	5
Regular Professors	RP		5	5
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.14. Working sheets for computation of fees **Hotel Mgmt. & Catering Tech. - PG Degree / 2 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	100	100
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.14. Working sheets for computation of fees **Hotel Mgmt. & Catering Tech. - PG Degree / 2 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,54,59,600	3,89,08,890
Salary of non-teaching staff	SN		46,37,880	1,16,72,667
Salary of contractual & adjunct faculty	SA		31,20,000	-
Cost of other benefits	SO		20,09,748	50,58,156
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		27,500	37,500
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		2,54,04,728	5,58,27,213
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		2,25,000	2,25,000
Library Journals	CJ		56,250	56,250
e-resources	CE		56,250	56,250
Newspaper & magazines	CN		2,250	2,250
Hardware and Software	CH		5,625	5,625
Total cost of Learning Resources	CLR		3,45,375	3,45,375

Table 5.14. Working sheets for computation of fees **Hotel Mgmt. & Catering Tech. - PG Degree / 2 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		7,39,200	7,92,000
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		11,880	11,880
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		1,77,540	1,88,100
Cost of internet & Intranet	CI		9,750	9,750
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		15,66,870	16,30,230
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		6,75,000	6,75,000
Total Infrastructure Operational Costs	CIO		6,75,000	6,75,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		1,30,500	1,30,500
Cost of affiliation, approvals etc.	CA		18,000	18,000
Cost of repair, maintenance	CR		5,58,000	5,58,000
Cost of desirables	CD		-	45,000
Miscellaneous Costs	CMI		7,06,500	7,51,500

Table 5.15. Working sheets for computation of fees MCA - PG Degree / 3 Years  
(Sheet 1/5)

Program			MCA	
			PG Degree / 3 Years	
Level & Duration in Years			Minimum	Maximum
Faculty student ratio	FSR		1:20	1:20
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		3,25,05,044	8,18,30,803
Total cost of Learning Resources	CLR		17,26,875	17,26,875
Total cost of IT Infrastructure	CII		31,73,826	32,84,706
Total Infrastructure Operational Costs	CIO		20,25,000	20,25,000
Miscellaneous Costs	CMI		21,19,500	22,54,500
Total Costs			4,15,50,245	9,11,21,884
Tuition Fees per student	TutF		76,945	1,68,744
Development fee per student	DevF		11,542	25,312
Total fees per annum per student	TotF		88,500	1,94,100

Table 5.15. Working sheets for computation of fees **MCA - PG Degree / 3 Years**  
(Sheet 2/5)

Program	Level & Duration in Years		MCA	
			PG Degree / 3 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	3	3
Program duration	D	Years	3	3
Sanctioned intake per division	SI	No.	60	60
Total students for the entire program	ST	No.	540	540
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	20	20
Cadre ratio		Asst Prof	6	6
		Asso Professor	2	2
		Professor	1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		27	27
Cadre-wise required no of faculty			27	27
No of adjunct faculty	AF	percentage of TF	2	-
No of contractual faculty	CF	percentage of TF	5	-
Regular Assistant Professors	RL		15	18
Regular Associate Professors	RA		2	6
Regular Professors	RP		3	3
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.15. Working sheets for computation of fees **MCA - PG Degree / 3 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	500	500
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	4	4
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	20	20
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15



Table 5.15. Working sheets for computation of fees **MCA - PG Degree / 3 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,87,30,800	5,70,72,240
Salary of non-teaching staff	SN		56,19,240	1,71,21,672
Salary of contractual & adjunct faculty	SA		55,20,000	-
Cost of other benefits	SO		24,35,004	74,19,391
Cost of Industry Institute Interaction	SI		90,000	90,000
Cost of Faculty development	SD		50,000	67,500
Research fund	SS		60,000	60,000
Total cost of Human Resources	CHR		3,25,05,044	8,18,30,803
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		11,25,000	11,25,000
Library Journals	CJ		2,81,250	2,81,250
e-resources	CE		2,81,250	2,81,250
Newspaper & magazines	CN		11,250	11,250
Hardware and Software	CH		28,125	28,125
Total cost of Learning Resources	CLR		17,26,875	17,26,875

Table 5.15. Working sheets for computation of fees **MCA - PG Degree / 3 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		20,46,000	21,38,400
Cost of servers	CS		1,48,500	1,48,500
Cost of printers	CP		32,076	32,076
Cost of software	CS		4,50,000	4,50,000
Cost of peripherals, networking etc.	CN		4,38,900	4,57,380
Cost of internet & Intranet	CI		28,350	28,350
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		31,73,826	32,84,706
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		20,25,000	20,25,000
Total Infrastructure Operational Costs	CIO		20,25,000	20,25,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		3,91,500	3,91,500
Cost of affiliation, approvals etc.	CA		54,000	54,000
Cost of repair, maintenance	CR		16,74,000	16,74,000
Cost of desirables	CD		-	1,35,000
Miscellaneous Costs	CMI		21,19,500	22,54,500

Table 5.16. Working sheets for computation of fees Management - PG Degree / 2 Years  
(Sheet 1/5)

Program			Management	
			PG Degree / 2 Years	
Level & Duration in Years			Minimum	Maximum
Faculty student ratio	FSR		1:20	1:20
Percent of Adjunct faculty	Pa		10%	0
Percent of contractual faculty	Pc		20%	0
Desirables complied	Df		No	Yes
Salary			Basic entry level	Average salary
			No allowances	Max Allowances
<b>Summary Totals</b>				
Total cost of Human Resources	CHR		3,37,93,336	5,46,03,869
Total cost of Learning Resources	CLR		28,78,125	17,26,875
Total cost of IT Infrastructure	CII		30,50,880	19,28,064
Total Infrastructure Operational Costs	CIO		22,50,000	13,50,000
Miscellaneous Costs	CMI		23,55,000	15,03,000
Total Costs			4,43,27,341	6,11,11,808
Tuition Fees per student	TutF		73,879	1,69,755
Development fee per student	DevF		11,082	25,463
Total fees per annum per student	TotF		85,000	1,95,200

Table 5.16. Working sheets for computation of fees **Management - PG Degree / 2 Years**  
(Sheet 2/5)

Program	Level & Duration in Years		Management	
			PG Degree / 2 Years	
			Minimum	Maximum
<b>1. Program details</b>				
No of courses / divisions	C	No.	5	3
Program duration	D	Years	2	2
Sanctioned intake per division	SI	No.	60	60
Total students for the entire program	ST	No.	600	360
<b>2. Human resource requirement</b>				
Essential Student faculty ratio	SFR	1:X	20	20
Cadre ratio		Asst Prof	6	6
		Asso Professor	2	2
		Professor	1	1
Percentage of adjunct faculty	Pa		10	-
Percentage of contractual faculty	Pc		20	-
Total No of Required faculty	TF		30	18
Cadre-wise required no of faculty			30	18
No of adjunct faculty	AF	percentage of TF	3	-
No of contractual faculty	CF	percentage of TF	6	-
Regular Assistant Professors	RL		17	12
Regular Associate Professors	RA		2	4
Regular Professors	RP		2	2
Industry Institute Interaction sessions	IS	per course per year	10	10
Expenses per session of III	EI		3,000	3,000
Faculty development fund	FD	p.p.p.a. for 25% of regular faculty	10,000	10,000
Research fund	FR	per course per year	20,000	20,000

Table 5.16. Working sheets for computation of fees **Management - PG Degree / 2 Years**  
(Sheet 3/5)

<b>3. Learning resource requirement</b>				
No of technical books required	Tb	per course	500	500
Average cost of each technical book	Cb		750	750
Library Journals	Lj	as percent of cost of books	25	25
e-resources	Le	as percent of cost of books	25	25
Newspaper & magazines	Lm	as percent of cost of books	1	1
Hardware & software	Lh	as percent of e-resource cost	10	10
<b>4. Requirement of IT Infrastructure</b>				
No of student terminals required as per Norms	Nc	1:X	6	6
No of faculty terminals / Laptops	Nl	per regular faculty member	1	1
Average cost of PC inclusive of Operating software	Cp	Rs	40,000	40,000
No of servers	Ns	No per course	2	2
Average cost of each server	Sc	Rs	75,000	75,000
No of printers	Np	percentage of PCs	5	5
Average cost of each printer	Cp	Rs	12,000	12,000
Legal application software	Cl	No	10	10
Average Cost of Other software	CS	Rs per course over course duration	1,50,000	1,50,000
Peripherals, Networking, Add-ons	Pn	% of cost of terminals & servers	20	20
Internet and Intranet, campus information	Ci	Rs per user pm	50	50
Institute website development & maintenance	Wd	Rs lumpsum	30,000	30,000
<b>5. Miscellaneous</b>				
Desirables fulfilled	Df		-	1
Development fees	De	as % of total tuition fees	15	15

Table 5.16. Working sheets for computation of fees **Management - PG Degree / 2 Years**  
(Sheet 4/5)

<b>6. Cost of Human Resources</b>				
Salary of regular faculty	SR		1,83,85,200	3,80,48,160
Salary of non-teaching staff	SN		55,15,560	1,14,14,448
Salary of contractual & adjunct faculty	SA		72,00,000	-
Cost of other benefits	SO		23,90,076	49,46,261
Cost of Industry Institute Interaction	SI		1,50,000	90,000
Cost of Faculty development	SD		52,500	45,000
Research fund	SS		1,00,000	60,000
Total cost of Human Resources	CHR		3,37,93,336	5,46,03,869
<b>7. Cost of Learning Resources</b>				
Cost of technical books	CB		18,75,000	11,25,000
Library Journals	CJ		4,68,750	2,81,250
e-resources	CE		4,68,750	2,81,250
Newspaper & magazines	CN		18,750	11,250
Hardware and Software	CH		46,875	28,125
Total cost of Learning Resources	CLR		28,78,125	17,26,875

Table 5.16. Working sheets for computation of fees **Management - PG Degree / 2 Years**  
(Sheet 5/5)

<b>8. Cost of IT Infrastructure</b>				
Cost of PC terminals	CT		15,97,200	10,29,600
Cost of servers	CS		2,47,500	1,48,500
Cost of printers	CP		25,740	15,444
Cost of software	CS		7,50,000	4,50,000
Cost of peripherals, networking etc.	CN		3,68,940	2,35,620
Cost of internet & Intranet	CI		31,500	18,900
Cost of website maintenance	CW		30,000	30,000
Total cost of IT Infrastructure	CII		30,50,880	19,28,064
<b>9. Infrastructure Operational Costs</b>				
Operational costs	CO		22,50,000	13,50,000
Total Infrastructure Operational Costs	CIO		22,50,000	13,50,000
<b>10. Miscellaneous Costs</b>				
Cost of student services	CS		4,35,000	2,61,000
Cost of affiliation, approvals etc.	CA		60,000	36,000
Cost of repair, maintenance	CR		18,60,000	11,16,000
Cost of desirables	CD		-	90,000
Miscellaneous Costs	CMI		23,55,000	15,03,000