

Annexure - I

Project Elements	Comments	
Executive Summary	Provided. This autonomous institution proposes to spend nearly 140 million for promoting academic excellence in a total of 143 millions for “improving teaching/learning, creating infrastructure facilities. R & D activities and enhancing consultancy activity leading to revenue generation”	
Academic Excellence	Top Priorities are as listed in executive summary, all curricula reported to reviewed every year by BOS and academic council, B. Tech would be reviewed again in 2005-06, 49 existing labs being modernized, 2 new labs and eight new central facilities being created, 2 new M. Tech program to be started in 2006 for which application made to AICTE; no additional faculty needed, 6 research associates, 4 technical support staff, 8 guest faculty/consultants and 4 attendants (Why?) required training areas and duration for faculty and staff identified, not understood how remedial instructions and feed back to parents would improve student evaluation,	
Networking	6 institutions identified for formal networking, bi-directional exchanges are identified topic/area wise would need more detailing, many other types of exchanges could be incorporated, may need guidance	
Service to Community	Many activities identified some beyond the competence of the College, no new establishment (artisan center) can be created from TEQIP funds under this head	
Management Development Capacity	50 persons to be trained for 25 man months, details not given; provision made for study tours/training fellowships	
TDP	Remedial teaching and establishing PETs included, why picking students from institutions other than the college?	
Implementation of Reforms	Detailed chart provided for implementing all reforms	
Formation of Implementation and Monitoring Committees		
	Present Allocation, Rs. Million	158.004
	Revised Proposed Allocation, Rs. Million	143.135
	Recommended Allocation, Rs. Million	143.135
Additional Comments, if any	The allocation for networking with 6 institutions too meager, and so is the amount for services to community. It is creditable that all the 16 PG courses including Basic Sciences and MCA are reported as fully subscribed and the individual course total of 1200 is different from the 1086 total quoted for all B. Tech programs (1.2.1), which is the correct figure? Why are 35 faculty members on contract and not on regular appointment? There are 49 faculty with PhD degree and 400 research students registered for PhD, this is an average of 8 students to be guided by each faculty, is this not too many?	

Annexure - II

OUTPUT INDICATORS

Note: Unless specified, give data in numbers. Where financial information is required give value in Rs. Million

S. No	Indicators		Baseline Date		June-05	June-06	June-07	June-08
1.	Increased number of high quality graduates (first degree) in relevant and cutting edge technologies	All (relevant) Engineering Disciplines including Cutting edge Technology	300	75	85	100	115	130
		Cutting Edge Technology Disciplines only	50	62	73	87	95	106
2.	Increased number of students completing in engineering disciplines	Master's degree	185		220	240	260	280
		Doctoral degree	20		05	15	15	20
3	Increased professional outputs	Publications (Number)	47		58	70	90	110
		Academic Products (Number)	2		1	3	5	8
		R & D Products of Commercial use (Number)	-		-	-	-	-
		Patents (Obtained/applied for) (Number)	-		-	-	-	--
4.	Number of Joint programs/activities	Externally funded research, design and development projects (both ongoing and completed)	-		6	6	6	6

		Consultancy assignments (both ongoing and completed)	Nos. 10	Value Rs .2	12	2.2	14	2.5	17	3.6	19	3.2
		Publications	-		5		7		9		12	
		Training programs conducted	3		5		6		8		10	
		Joint research guidance at Ph D level	30		35		38		40		42	
5.	Increased revenue generation	Financial Year	2003-04		2004-05		2005-06		2006-07		2007-08	
		RC	IRG	64.4	2.6	53	58		62		68	
6.	Services to Community & Economy											
	a) Total No. of Programmes		5		8		8		8		8	
	b) Total No. of Participants of all types		30		50		70		80		100	
	Increased access to technical training for socially disadvantaged groups and unemployed youth	a) Total No. of Participants from socially disadvantaged groups	-		-		-		-		-	
		b) Total No. of unemployed youth	10		10		10		10		20	
		c) Total Number of Programmes offered/to be offered	1		1		1		1		2	
	Increase assistance to unorganized sector	a) Total no. of Programmes	2		3		4		3		3	
		b) Total No. of Participants in Programmes	15		20		40		30		50	
	Increase services to industry	a) Total no. of Programmes	2		4		3		4		3	
		b) Total No. of Participants in Programmes	5		20		20		40		50	
7.	Increased availability of well-trained institution managers		31		35		38		40		42	

OUTCOME INDICATORS

1	Improved employment rate and earnings of graduates from participation Institutions	Employed through campus interviews	60	0.24	65	0.27	70	0.30	74	0.38	80	0.46
		Employed through other means	40	0.22	35	0.26	30	0.30	26	0.34	20	0.40
2	Networking											
	Increased cooperation and resource sharing between institutions	No. of faculty-days loaned for academic activities	-		20		30		35		40	
		No. of student-days for which students sent to other institutions for curricular and	20		25		27		30		34	
		Joint projects, consultancies, training programs, publications, seminars, workshops etc.	10		12		15		17		19	
		Joint M. Tech, And Ph D programs	30		32		35		36		39	
		No. of person-days for which labs, workshops and libraries utilized by faculty and students from other institutions within the same network	90		130		170		220		250	
3.	Improved internal efficiency of the	1. No. of teaching days in an academic year	192		192		192		192		192	

engineering education system	2. No. of days of slippage from the announced academic calendar	7	7	7	7	7
	3.No. of days for completing the admission process	For UG Program through EAMCET, for PG Programs Through University Admission Process				
	4.Average No. of days taken for fee processing	-	-	-	-	-
	5. No. of days for completion of semester/annual examination	14 days	14 days	14 days	14 days	14 days
	6. No. of days for declaring results	30 days	20 days	20 days	20 days	20 days
	7.Average No. of Departments that Develop & Maintain question bank	All Depts.	All Depts.	All Depts.	All Depts.	All Depts.
	8. Office expenditure (excluding amount spent on maintenance of equipment and infrastructure in Rs. Million)	0.2	0.3	0.5	0.8	1
	9. Average time taken to order equipment (from advertisement to supply/installation of equipment)	13 weeks	13 weeks	13 weeks	13 weeks	13 weeks
	10. Computerized maintenance of student record	1:2	1:2	1:2	1:2	1:2
	11. Ratio of non-teaching staff of faculty	By University				
	12. Computerized maintenance of employee record	100%	100%	100%	100%	100%

		13. Average number of days taken for recruitment (from date of advertisement to date of offer of appointment)	70%	80%	100%	100%	100%
		14. Average No. of Faculty that are Computer Literate	70%	80%	100%	100%	100%
		15. Extent of computerization of administrative and financial processes	60%	80%	100%	100%	100%
		16. Degree of decentralization of decision making.	Principal/Director	Department Level	Department Level	Department Level	Department Level
4.	Increased involvement of institutions with communities	No. of interactions with community	-	8	8	8	8
		No. of need/demand-based service programs carried out	-	8	8	8	8
		No. of technologies transferred	-	-	-	-	-
		No. of beneficiaries from skill-based training programs	-	50	70	80	100
5.	Improved Planning and Management of Technical Education System to make it Demand Driven	Number of Management Training Programme organized	-	2	3	4	4
		Number of People trained in Planning & Management	-	40	40	40	40
		Number of ;new Education Programmes started during the Project, which are forward looking and Demand Driven	-	01	-	-	-

Annexure – IV

**Technical Education Quality Improvement Programme –
Networking Among Programme Institutions
Networking Work Plan Format (2005 – 2006) (From Dec 2004 to June 2005)**

Name of Institution: JNTU College of Engineering, Hyderabad

Name of Network Partner: Srinidhi Institute of Science and Technology, Hyderabad

(Rs. In Millions)

S. No	Major Networking Activity out flowing from the institution	Steps	Starting date	Closing date	Cost Involved (if any) Rs. In Lakhs	Expected Benefits	Major Networking Activity flowing from the Network partner	Steps	Starting date	Closing date	Cost Involved (if any) Rs.in Lakhs	Expected Benefits
1	One week programme on VLSI Tech.& Design	1	14.12.04	30.06.04	0.015	*Faculty Development Knowledge Enhancement	One week programme on Cryptography& Security	1	01.05.05	31.05.05	0.015	*Faculty Development Knowledge Enhancement
2	Joint organization of seminars and conferences	1	Jan2005	Dec2007	0.050	Paper presentation, proceeding preparation and *	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Paper presentation , proceeding preparation and *
3	Joint Research Projects	1	Jan2005	Dec2007		Enhancing research potentials	Joint Research Projects	1	Jan2005	Dec2007		Enhancing research potentials

Note: This format may be used for Action Plan with non-formal networking institutions/organizations also.

Annexure – IV

**Technical Education Quality Improvement Programme –
Networking Among Programme Institutions
Networking Work Plan Format (2005 – 2006) (From Dec 2004 to June 2005)**

Name of Institution: JNTU College of Engineering, Hyderabad

Name of Network Partner: JNTU College of Engineering, Anantapur.

(Rs. In Millions)

S. No	Major Networking Activity out flowing from the institution	Steps	Starting date	Closing date	Cost Involved (if any) Rs. In Lakhs	Expected Benefits	Major Networking Activity flowing in from the Network partner	Steps	Starting date	Closing date	Cost Involved (if any) Rs.in Lakhs	Expected Benefits
1	One week program on VLSI Tech.& Design	1	14.12.04	30.06.04	0.015	*Faculty Development Knowledge Enhancement	One week program on Alternate Fuels	1	01.05.05	30.06.05	0.015	*Faculty Development Knowledge Enhancement
2	Joint organization of seminars and conferences	1	Jan2005	Dec2007	0.050	Paper presentation , proceeding preparation and *	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Paper presentation , proceeding preparation and *
3	Joint Research projects	1	Jan2005	Dec2007		Enhancing research potentials	Joint Research projects	1	Jan2005	Dec2007		Enhancing Research potentials
4	Systems Applications to water resources management		April 2005	July 2005	0.015	Paper presentation proceeding preparation						

Note: This format may be used for Action Plan with non-formal networking institutions/organizations also.

Annexure – IV

**Technical Education Quality Improvement Programme –
Networking Among Programme Institutions
Networking Work Plan Format (2005 – 2006) (From Dec 2004 to June 2005)**

Name of Institution: JNTU College of Engineering, Hyderabad

Name of Network Partner: JNTU College of Engineering, Kakinada.

(Rs. In Millions)

S. No	Major Networking Activity out flowing from the institution	Steps	Starting date	Closing date	Cost Involved (if any) Rs. In Lakhs	Expected Benefits	Major Networking Activity flowing in from the Network partner	Steps	Starting date	Closing date	Cost Involved (if any) Rs.in Lakhs	Expected Benefits
1	One week program on VLSI Tech.& Design	1	14.12.04	30.06.04	0.015	*Faculty Development Knowledge Enhancement	One week programme on Data warehousing and mining	1	01.05.05	30.06.05	0.015	*Faculty Development Knowledge Enhancement
2	Joint organisation of seminars and conferences	1	Jan2005	Dec2007	0.050	Paper presentation , proceeding preparation and *	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Paper presentation, proceeding preparation and *
3	Joint Research projects	1	Jan2005	Dec2007		Enhancing research potentials	Joint Research projects	1	Jan2005	Dec2007		Enhancing Research potentials
4	Systems Applications to water resources management		April 2005	July 2005	0.015	Paper presentation proceeding preparation						

Note: This format may be used for Action Plan with non-formal networking institutions/organizations also.

Annexure – IV

**Technical Education Quality Improvement Programme –
Networking Among Programme Institutions
Networking Work Plan Format (2005 – 2006) (From Dec 2004 to June 2005)**

Name of Institution: JNTU College of Engineering, Hyderabad

Name of Network Partner: Rajiv Gandhi Memorial Engineering & Technology, Nandyal.

(Rs. In Millions)

S. No	Major Networking Activity out flowing from the institution	Steps	Starting date	Closing date	Cost Involved (if any) Rs. In Lakhs	Expected Benefits	Major Networking Activity flowing from the Network partner	Steps	Starting date	Closing date	Cost Involved (if any) Rs.in Lakhs	Expected Benefits
1	One week programme on VLSI Tech.& Design	1	14.12.04	30.06.04	0.015	*Faculty Development Knowledge Enhancement	One week programme on Digital signal processing	1	01.05.05	30.06.05	0.015	*Faculty Development Knowledge Enhancement
2	Joint organization of seminars and conferences	1	Jan2005	Dec2007	0.050	Paper presentation , proceeding preparation and *	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Paper presentation , proceeding preparation and *
3	Joint Research projects	1	Jan2005	Dec2007		Enhancing research potentials	Joint Research projects	1	Jan2005	Dec2007		Enhancing research potentials

Note: This format may be used for Action Plan with non-formal networking institutions/organizations also.

Annexure – IV

**Technical Education Quality Improvement Programme –
Networking Among Programme Institutions
Networking Work Plan Format (2005 – 2006) (From Dec 2004 to June 2005)**

Name of Institution: JNTU College of Engineering, Hyderabad

Name of Network Partner: JNTU institute of science and Technology, Hyderabad.

(Rs. In Millions)

S. No	Major Networking Activity out flowing from the institution	Steps	Starting date	Closing date	Cost Involved (if any) Rs. In Lakhs	Expected Benefits	Major Networking Activity flowing in from the Network partner	Steps	Starting date	Closing date	Cost Involved (if any) Rs.in Lakhs	Expected Benefits
1	One week programme on VLSI Tech.& Design	1	14.12.04	30.06.04	0.015	*Faculty Development Knowledge Enhancement	One week programme on Digital signal processing	1	01.05.05	30.06.05	0.015	*Faculty Development Knowledge Enhancement
2	Joint organization of seminars and conferences	1	Jan2005	Dec2007	0.050	Paper presentation , proceeding preparation and *	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Paper presentation , proceeding preparation and *
3	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Enhancing research potentials	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Enhancing research potentials
4	Systems Applications to water resources management		April 2005	July 2005	0.015	Paper presentation proceeding preparation						

Note: This format may be used for Action Plan with non-formal networking institutions/organizations also.

Annexure – IV

**Technical Education Quality Improvement Programme –
Networking Among Programme Institutions
Networking Work Plan Format (2005 – 2006) (From Dec 2004 to June 2005)**

Name of Institution: JNTU College of Engineering, Hyderabad

Name of Network Partner: Government Institute of Electronics, Secunderabad

(Rs. In Millions)

S. No	Major Networking Activity out flowing from the institution	Steps	Starting date	Closing date	Cost Involved (if any) Rs. In Lakhs	Expected Benefits	Major Networking Activity flowing from the Network partner	Steps	Starting date	Closing date	Cost Involved (if any) Rs.in Lakhs	Expected Benefits
1	One week programme on VLSI Tech.& Design	1	14.12.04	30.06.04	0.015	*Faculty Development Knowledge Enhancement	One week training programme to Technical Assistants for upgradation of skills in lab equipment handling.	1	01.12.04	30.06.05	0.015	Exposure to technical assistants
2	Joint organization of seminars and conferences	1	Jan2005	Dec2007	0.050	Paper presentation, proceeding preparation and *	Joint organization of seminars and conferences	1	Jan2005	Dec2007		Paper presentation , proceeding preparation and *
3	Joint Research Projects	1	Jan2005	Dec2007		Enhancing research potentials	Joint Research Projects	1	Jan2005	Dec2007		Enhancing research potentials

Note: This format may be used for Action Plan with non-formal networking institutions/organizations also.

Annexure – V

Technical Education Quality Improvement Programme – Service to Community and Economy Work Plan Format (2005 – 2006)

Name of Institution: JNTU College of Engineering, Hyderabad

(Rs. In Millions)

S. No.	Activity to be undertaken	Steps involved in undertaking the activity	Expected No. of beneficiaries	Starting Date	Finishing date	Cost Involved	Expected Cost recovery, if any
1	One week programme on Hygienic Sanitation	Identifying the various beneficiaries providing them local transportation lectures presentations and demonstrations	From the Community 25	01-04-2005	30-06-2005	0.1	-
2	Plumbing: One week programme	Identifying the various beneficiaries collecting applications providing them TA/DA lectures presentations and demonstrations.	From Unorganized Sector 30	01-06-2005	30-06-2005	0.12	-
3	Training to technical persons in the workshop on the usage of Micobosh power tools.	Identifying the various beneficiaries collecting applications providing them TA/DA lectures presentations and demonstrations.	From Organized Sector 10	01-01-2005	28-02-2005	0.040	-

Annexure – VI

Technical Education Quality Improvement Programme – Tribal Development Plan Work Plan Format (2005 – 2006)

Name of Institution: JNTU College of Engineering, Hyderabad

(Rs. In Millions)

S. No.	Activity to be undertaken	Steps involved in undertaking the activity	Expected No. of beneficiaries	Starting Date	Finishing date	Cost Involved
1	One week programme on Communication skills	Identifying the beneficiaries Experts selection, conducting of lectures, course material training students	50	01-02-2005	30-06-2005	0.1
2	One week programme on Personality development	Identifying the beneficiaries Experts selection, conducting of lectures, course material training students	50	01-07-2005	30-07-2005	0.1