# INSPECTION REPORT FOR STATE PRIVATE UNIVERSITY Centurion University of Technology and Management (CUTM) At: R. Sitapur, Via: Upplada, District Gajapati (Orissa)- 761211

#### I. Background of the Institution:

The Centurion University of Technology and Management was established as a State Private University, in 2010, by an Act of the Orissa Legislative Assembly. However, the journey of the Centurion Group of Institutes, now the Centurion University of Technology and Management (CUTM), actually began in 2005 when a group of Professors [**Prof. Mukti K Mishra**, MA (Applied Eco), MA (Pub Admn.) (Utkal University, India), MBA & PhD (Victoria University, Australia-APS Scholar), **Prof. D.N. Rao**, IIM (C), British Chevening Scholar and former Professor of XIMB, and **Prof. D.K. Mishra**, MTech (Oklahoma), Ph.D. (Ann Arbor, Michigan)] took over an ailing engineering institute – Jagannath Institute for Technology & Management (JITM) - which was set up in 1997 at the behest of the-then Prime Minister of India, Shri P.V. Narasimha Rao.

The University currently includes a School of Management, School of Technology and School of Vocational Education. The main campus of the Centurion University is at Paralakhemundi, in Gajapati District (southern Orissa), and its constituent campus, is located at Bhubaneswar. Both the Institutes have been running with all required approvals of Government of Orissa and AICTE since 1997 and 2008, respectively.

The University is also involved in many social and environmental programs, undertaking disaster risk reduction, environmental and entrepreneurship training, vocational training, and social development initiatives.

Gajapati District, where the University is located, is one of the poorest districts in Orissa State, which appears in the Prime Minister's "100 poorest districts of India" list and one of the 31 "Most Extremist Affected Districts" (MEAD) of India. The GER of the district and region is below 7% whereas the GER of the state is 13%. Gajapati is a Scheduled District and has been brought under special focus (Biju Kandhamal – Gajapati Yojana). by the Government of Orissa. Since the Institute was taken over by the founders of the Centurion Group in 2005, committed and sustained efforts have been made to bring about a difference both academically and socio-economically to this district in particular and the area (comprising Koraput, Malkanagiri, Bolangir, Kandhamal, Rayagada and Boudh Districts) in general.

The School of Vocational Education of Centurion University (through its social outreach Gram Tarang) is one of the first partners of the National Skill Development Corporation (NSDC), with an agreement to setup over 50 skill training and capacity building centres across the country. Centurion has entered into a partnership with the Government of Orissa, the Government of India and non-governmental agencies to provide capacity building training with post-training job assurance for BPL, SC and ST youth.

The focus of Centurion has been to create opportunities for earning a decent and sustainable livelihood through self-employment and employment of young people from marginalised communities of rural and remote areas. The training programs of Centurion University have also been nationally and internationally recognised.

Since its inception, the Centurion University has drawn upon the experience of highly qualified faculty. Centurion University's School of Business in Paralakhemundi (known as the Centurion School of Rural

Enterprise Management or CSREM) has achieved an A+ rating in Business India's annual review of all business schools in India. The members of the faculty have played a pivotal role in shaping the character of the University as a centre for excellence in technical education. The University is committed to strengthening its infrastructure on a continuous basis, and has established an optical fibre backbone for the campus-based intranet. CUTM has upgraded its VSAT based Internet connectivity by establishing 10-Mbps leased line, which runs through the entire campus. The University is committed to providing seamless Internet connectivity round the clock to all students and faculty.

To provide comprehensive education, that is, hands-on knowledge, practice oriented approach and experience based learning, the University has set up Social Entrepreneurship Outreach Entities, such as:

Gram Tarang Employability Training Services: A skill building initiative focused on socially and
economically challenged sections of society, especially school dropouts in rural Orissa, providing
thorough technical training, developing social and behavioral traits of candidates to make them
ready for employment. The spectrum of training also covers candidates having higher degrees but
who are not ready for industry. The sectors and portfolios of training are:

#### **Industry Sectors:**

Core Engineering & Manufacturing (Mechanical, Electrical, Electronics, Fabrication) Automotive | Apparel & Textiles | Mining, Construction & Allied | Retail & Hospitality | Banking & Finance | IT & ITES

#### **Skills Portfolio:**

Industrial Fitter | Machinist | Welder | Electrician | Auto Mechanic | Service Technician | CAD/CAM | Driver | Electronics Repair | Sewing Machine Operator | Retail Salesperson | Front Office Assistant | Data Entry Operator | BPO Operator | DTP | Hardware & Networking | Banking Correspondent (BC) | Rural Retail Banking Facilitator

#### Diploma, B Tech

SAP | JAVA | CNC Programmer | CAD/CAM | VLSI Design | Robotics | CCNA | PLC & Industrial Automation | Electronics Repair | Advanced Welding Techniques | UNIX/LINUX System (Fedora) | Computer Hardware & Networking (MCSE) | Computer Hardware and Chip level desktop

**Gram Tarang Financial Services: A** Microfinance Institution (MFI) and registered NBFC founded with a mission to promote entrepreneurship and extend financial services to marginalized groups, women and the youth with special emphasis on providing disadvantaged youth with Education Loans for skill training through funding of up to 50% of training course fees to the youth at low interest rates. The loan size varies between INR 10,000 & 20,000.

- Gram Tarang Foods(Agriculture): A food processing and marketing initiative that focuses on creating
  more value for the agriculture produce nearer to the source of production through processes like
  spice oil extraction and also by offering alternative opportunities for employment to the local
  populace. Gram Tarang foods operates the following projects:
  - Seeds: Project to provide foundation seeds, source, process, clean, brand and market seeds for agriculture amongst local community of farmers in South Orissa in partnership with State Seed Corporation and National Seed Corporation.

• Gram Tarang Inclusive Developmental Services - Gram Tarang Inclusive Development Services with technology partners like Atyati and banks such as Punjab National Bank, Andhra Bank, Indusind Bank, United Bank of India & Union Bank of India has already employed 4,000 Banking Correspondents across 9 states.

### II. Composition of the Expert Committee:

1.	Prof. Amit Roy Director, Inter-University Accelerator Centre, Aruna Asaf Ali Marg, Post Box No 10502 New Delhi - 110 067, India Tel: +91-11-2689-3045(Office), +91-11-2689-3513(Res) Fax: +91-11-2689-3666, 2612-1960 e-mail: roy@nsc.ernet.in,	Chairman
2.	Prof Raj S. Dhankar, PhD Head & Dean Faculty of Management Studies University of Delhi, Delhi 110007,INDIA Phone: (011) 27667877, Fax: (011) 27667183 Mobile: 9873164205 E-mail: raj_sdhankar@rediffmail.com	Member
3.	Prof (Ms) Santosh Satya Centre for Rural Development & Technology Indian Institute of Technology Hauz Khas, New Delhi ssatya@rdat.iitd.ernet.in	Member
4.	Prof Piyush Trivedi Vice-Chancellor Rajiv Gandhi Technical University, Airport Bypass Road Gandhi Nagar, Bhopal, MP Ph: 0755-2742001 (LL), 2742002 (Fax) Cell: +91-9425017913 Email: profpiyushtrivedi@yahoo.com	AICTE Nominee
1.	Dr Ratnabali Banerjee Joint Secretary University Grants Commission Eastern Regional Office LB-8, Sector III, Salt Lake, Kolkata-700 098 Ph: 033-23354768, ugcero_kolkata@yahoo.in	Member Secretary

# III. Inspection Report:

SI. No	Item	Information/ Data Obtained
01	Name of the University with notification No. and date of State Government.	<ul> <li>Centurion University of Technology and Management (CUTM)</li> <li>At: R. Sitapur, Via: Upplada, District Gajapati (Orissa)- 761211</li> <li>1. Centurion University of Technology and Management (CUTM) Orissa Act, 2010; Gazette Notification No: 1355, dt. 27-08-2010, Orissa Act 4 of 2010</li> <li>2. Notification no 37457, dt 23 Dec 2010 of Department of Higher Education of Govt of Orissa</li> <li>3. Notification no 37484, dt 23 Dec 2010 of Department of Higher Education, Govt of Orissa</li> <li>4. Gazette Notification no 2160 dt 24 Dec 2010</li> <li>5. Gazette Notification no 2161 dt 24 Dec 2010</li> <li>6. Notification no 4868 dt 11 Feb 2011-09-21 of Department of Higher Education of Govt of Orissa</li> <li>7. Gazette Notification no 338 dt 11 Feb 2011</li> <li>8. Notification no 3402/3404 dt 25 Feb 2011, Industries Department, Govt of Orissa</li> <li>9. Notification no 3702 dt 1 March 2011, Industries Department, Govt of Orissa</li> <li>10. BPUT (Biju Patnaik University of Technology – the Govt. Technical University of Orissa) Letter no BPUT/14177 dt 12 Sept 2011, regarding Migration to CUTM (Copies are provided in Annexure- A)</li> </ul>
02	Registered Office of the University	At: R. Sitapur, Via: Upplada, Paralakhemundi District Gajapati (Orissa)- 761211
03	Name and Headquarters of the Society/ Promoting Agency	JITM Trust, Paralakhemundi At: R. Sitapur, Via: Upplada, District Gajapati (Orissa)- 761211 (Copy of Trust Deed is provided at Annexure – B)
04	Whether the Society/Agency is involved in promoting/running any other University / Institution? If yes, give details:	Yes  (i) Engineering College (Centurion Institute of Technology), Jatni, Bhubaneswar since 2008 – as per the notifications provided in Annexure A, and with due approval from appropriate bodies
05	Territorial Jurisdiction	Orissa State
06	Dates of Visit	29 – 30 September 2011
07	Programmes permitted to be offered by Gazette	The objectives, as per Clause no 8 (pg 8) of the CUTM Act, for which the University is established are as follows:

	Notification of State Govt. and its reference.	<ul> <li>(a) to disseminate and advance knowledge by providing. academic and research facilities in such branches of learning which includes, Engineering and Technology, Humanities and Social Science, Management, Law, Medical Science and Genetics, Vocational Education and Training, Tribal and Development Studies and in other fields as it may deem fit;</li> <li>(b) to offer continuing and distance education programs as per norms of the Distance Education Council of the Government of India or other Body constituted by the State Government;</li> <li>(c) to institute degrees, diplomas, charters, certificates and other academic distinctions on the basis of examination or any other method of evaluation;</li> <li>(d) to collaborate with other colleges or Universities, research institutions, industry associations, professional associations or any other organization, in India or abroad, to conceptualize, design and develop specific educational and research programmes, training programmes and exchange programmes for students, faculty members and others;</li> <li>(e) to establish the following constituent units of the University, namely: <ul> <li>(i) School of Engineering and Technology,</li> <li>(ii) School of Natural Science,</li> <li>(iii) School of Humanities and Social Science,</li> <li>(iv) School of Vocational Education and Training,</li> <li>(v) School of Tribal and Development Studies, and</li> <li>(vii) Any other schools as it may deem fit</li> </ul> </li> </ul>
08	Whether all documents requested by the Inspection Team were provided.	Yes.
09	If no, what are the deficit documents (list to be enclosed)	_
10	Whether administrative authorities like Governing Council, Academic Council and BOS formed and minutes of their meeting produced?	Yes. The University has constituted its  1. Board of Governors, 2. Fee Fixation Committee, 3. Academic Council 4. Board of Studies  [Copies are provided in the Annexure C]

11	Source of finance and quantum of funds available - (2010-11) From Fees: From State Govt. From UGC From other sources (details)	<ul> <li>State Govt. : Rs.</li> <li>UGC :</li> <li>Grant-in Aid (MORD, Gol) : Rs.</li> <li>Other Sources (i) Capital Fund : Rs</li> </ul>	13.79 Crore 0.53 Crore Nil 2.33 Crore 6.84 Crore 21.77 Crore 5. 0.64 Crore			
		(Copy provided in the <u>A</u>	nnexure D			
12	Corpus Fund of the Society/ Trust shown to the Inspection team	Yes, Rs 3.00 Crore deposited in FDR (Copy of the FDR is provided in		k, Bhubanes	war, Orissa.	
13	Statement of income	Detailed Balance Sheet for last three years are provided in <b>Annexure – F</b>				
	& expenditute for the last 3 years (year-			(I	Rs.in Lakh)	
	wise)	Years	Provisional 2010-11	Audited	Audited	
		I. Receipts	2010-11	2009-10	2008-09	
			1379.33	1318.24	1121.20	
		I. Receipts				
		I. Receipts Fee received from students	1379.33	1318.24	1121.20	
		I. Receipts Fee received from students	1379.33 349.93	1318.24 128.17	1121.20 58.21	
		I. Receipts Fee received from students Other Income  II. Expenditure  Education & Related	1379.33 349.93	1318.24 128.17	1121.20 58.21	
		I. Receipts Fee received from students Other Income  II. Expenditure	1379.33 349.93 <b>1729.26</b>	1318.24 128.17 <b>1446.42</b>	1121.20 58.21 <b>1179.42</b>	
		I. Receipts Fee received from students Other Income  II. Expenditure  Education & Related Expenditure	1379.33 349.93 <b>1729.26</b> 196.48	1318.24 128.17 <b>1446.42</b> 183.53	1121.20 58.21 <b>1179.42</b> 163.72	
		I. Receipts Fee received from students Other Income  II. Expenditure Education & Related Expenditure Administrative Expenses	1379.33 349.93 <b>1729.26</b> 196.48 733.53	1318.24 128.17 <b>1446.42</b> 183.53 331.54	1121.20 58.21 1179.42 163.72 366.56	
		I. Receipts Fee received from students Other Income  II. Expenditure Education & Related Expenditure Administrative Expenses Personnel Cost Depreciation	1379.33 349.93 <b>1729.26</b> 196.48 733.53 506.35 182.75	1318.24 128.17 <b>1446.42</b> 183.53 331.54 458.46 255.77	1121.20 58.21 1179.42 163.72 366.56 361.23 226.75	
		I. Receipts Fee received from students Other Income  II. Expenditure  Education & Related Expenditure Administrative Expenses Personnel Cost	1379.33 349.93 <b>1729.26</b> 196.48 733.53 506.35 182.75	1318.24 128.17 <b>1446.42</b> 183.53 331.54 458.46 255.77	1121.20 58.21 1179.42 163.72 366.56 361.23 226.75	
		I. Receipts Fee received from students Other Income  II. Expenditure  Education & Related Expenditure Administrative Expenses Personnel Cost Depreciation  Surplus	1379.33 349.93 <b>1729.26</b> 196.48 733.53 506.35 182.75	1318.24 128.17 <b>1446.42</b> 183.53 331.54 458.46 255.77	1121.20 58.21 1179.42 163.72 366.56 361.23 226.75	
		I. Receipts Fee received from students Other Income  II. Expenditure Education & Related Expenditure Administrative Expenses Personnel Cost Depreciation	1379.33 349.93 <b>1729.26</b> 196.48 733.53 506.35 182.75	1318.24 128.17 <b>1446.42</b> 183.53 331.54 458.46 255.77	1121.20 58.21 1179.42 163.72 366.56 361.23 226.75	
		I. Receipts Fee received from students Other Income  II. Expenditure Education & Related Expenditure Administrative Expenses Personnel Cost Depreciation  Surplus  III. Non-recurring Expenses Building, Furniture &	1379.33 349.93 <b>1729.26</b> 196.48 733.53 506.35 182.75	1318.24 128.17 <b>1446.42</b> 183.53 331.54 458.46 255.77	1121.20 58.21 1179.42 163.72 366.56 361.23 226.75	
		I. Receipts Fee received from students Other Income  II. Expenditure Education & Related Expenditure Administrative Expenses Personnel Cost Depreciation  Surplus  III. Non-recurring Expenses	1379.33 349.93 <b>1729.26</b> 196.48 733.53 506.35 182.75	1318.24 128.17 <b>1446.42</b> 183.53 331.54 458.46 255.77 217.10 <b>1446.42</b>	1121.20 58.21 1179.42 163.72 366.56 361.23 226.75 61.13 1179.42	

		Investment	34.01	321.15	23.57
		investment	34.01	321.13	23.37
			2507.22	2635.71	2030.87
			2507.22	2035.71	2030.67
		IV. Sources of Funds			
		IV. Sources of Funds			
			10.5 7.0		10.5 7.0
		Capital Fund	683.50	683.50	683.50
		Capital Grant	224.67	198.67	66.78
		Reserve and Surplus	601.07	490.92	273.81
		V. Loans			
		Secured Loans	2176.71	1510.00	1091.45
		Unsecured Loans	58.60	15.67	-
			2235.31	1526.67	1091.45
14	(i) Land documents, if	The total land of 63.365 acres l	<u>l</u> has been demai	rcated and v	ested in the
	shown, area of land	name of Centurion University	•	0.5	•
	registered in the name of the	(CUTM), located at R. Sitapur, V District- Gajapati (Orissa).	Via- Uppalada, I	Paralakhemu	ındi Tahasil,
	University and its	(Copy provided as Annexure G)			
	location in the State.				
	(ii) Deposit made in	Endowment fund deposit: Rs 3	.00 Crore		
	the name of the	Fixed Deposit: Rs.34 Lakh			
	Society/ University,	Bank Balance :Rs.72 Lakh			
	separately or jointly with state				
	authorities.				
15	Administrative Office	i) Total Plinth Area (Sq.mt.)	1777 caft		
	Details. (i) Total plinth area,	a) Complete - <b>67</b>	<b>1777</b> sqft		
	(ii) Built-up area.	ii) Built Up Area (Sq.mt.)			
	(iii) Separate offices	Buildings complete – 547847			
	for Vice-Chancellor, Registrar, Financial	a) Buildings proposed for 2012 – 3000 sqm/ 3228		o be comple	eted by Jan
	i issausu ar . i iralikiai	JUUU JUIII/ JZZO	U JUIL		

	Officer, Controller of Examination, Administrative Office, Committee Room, Students waiting room etc.		Officer, Cont	en constructed for V roller of Examination, ts waiting room.		
16	Building details etc.					
	(i) Permanent	Building Complete Total Constructed Ar Academic Area (inc Residential Area		547847 sqft - 547847 sqft shop area) - 121505 185102 sqft - 294968 sqft	5 + 63597 =	
	(ii) Temporary/ Leased property	Nil				
17	Give details of Library	The University has a well established library with a carpet area of 10355 sqft having two floors, which caters to the needs of the students and the faculty in a separate building of the Institute.  The library functions on an open access system. The library remain open from morning 7.30 AM to 10 PM on all working days and 9 Al to 5 PM on all holidays.  The Main Campus University Central Library has a collection of about 8686 titles, 33540 volumes of books and 88 nos of adequated International and National journals, 47 nos of Magazine. Services such as lending of books and journals, Digital Library with E-resources (IE and AEL subscribed from Indest –AICTE consortia, BSE (Business Source Elite) from EBSCO, Delnet and CMIE database), reading room and reprographic facilities are provided by the library.  The Library resources could be accessed through AIS.				
		Name of the Schools	No of Titles	Total no of Volumes, Journals, Magazines, E- resources	Total Cost (Rs. in Lakh)	
		1. School of Engineering and Technology	5735	Volume: 28962 National Journals:55 Int. Journal : 22 Magazines: 39	71.29	
		2. School of Management	2951	Volume:4578 National Journals:10 Int. Journal : 1 Magazine:8	16.60	

	(i) Covered area	10355 sqft						
	(ii) Number of Books	<ul> <li>School of Engineering: 28962 volumes</li> <li>School of Management: 4578 volumes</li> </ul>						
18	(iii) Number of journals (National and International)  Number of Classrooms, give details	<ul> <li>National Journals - 65</li> <li>International Journals - 23</li> <li>Magazines - 47</li> <li>Eresources:</li> <li>IEL (179 active journals, magazines, proceedings and news letter are available) URL: <a href="http://www.ieeexplore.iee.org/">http://www.ieeexplore.iee.org/</a></li> <li>AEL (312 titles of e-books are available from different areas) URL: <a href="http://www.accessengineeringlibrary.com/">http://www.accessengineeringlibrary.com/</a></li> <li>Business Source Lite (EBSCO)- 1460 full text and full text peer reviewed journals and magazines are available) <a href="http://search.ebscohost.com/">URL: http://search.ebscohost.com/</a></li> <li>Delnet and CMIE.</li> <li>School of Engineering: 32 classrooms</li> <li>School of Management: 04 classrooms</li> </ul>						
19	Number of Laboratories, give details.		I. O.	Name of th	e Departn	nent	No. of Labs	Total Cost of All Labs
			1 2 3 4 5 6 7 8	Mechanical Enginelle Electronics and Comp. Sc. and Electronics and Ingineering Electrical and Electrical and Electrical Engineering Chemical Engineering Electrical Engineering Chemical Engineering Easic Sciences and Computer Network Conference, August E-classrooms.	ngineering nstrument ectronics eering Ind Human orking, Vid	and IT tation	06 10 06 03 07 06 03 03 03 5 49	Rs.10.21 crore
20	Whether students already admitted? If yes, details of courses and the number of	SI.	Τ	ated below:	2011-	2010-11	2009-10	2008-09
	students admitted in each course during	No.	_	hemical Engg.	12 07	09	13	30

	the last three years.	02	Mechanical Engg	114	60	60	59
	tilo last till oo yours.	03	Civil Engg.	56	50	56	-
		04	E. E. Engg	98	55	60	60
		05	E. C. Engg.		85	90	90
		06	E and I Engg.	123	23	49	60
		07	Comp. Sc and		68	49	120
			Engg & IT	63		.,	
			Total	461	350	377	419
22	Whether any off-campus or study/ off shore centre or admission centre/ established outside the state/ abroad Whether functioning of the University has been computerized? If yes, to what extent?	ERP ar	nctioning of the Unive  Administration Course Manageme Staff Information Student Info Facilities Hostel Library e-notice e-Icard Helpdesk Opinion poll Online testing Payroll Finance Procurement and li Leave mgmt. Examination Placement  MS URL: http://umsjirtranet URL: http://jitus	nt nventory <u>tm.cutm.o</u>			
		E-clas	srooms have been es	tablished	through Pe	arson Vue	
23	a) Research and Extension Facility	VL Th to	e University has facil SI, Industrial automa e University has pror promote actionable Seed processing unit	tion. noted "Gra research.	am Tarang′	' as its exte	ension wing

indigenous seed demand.

Automobile components are being manufactured for John Deer. A State of Art Tool Room is being sanctioned and work is in progress with grant from Govt. of Orissa, Govt. of India and consultancy support from Central Tool and Training Centre, Ministry of MSME which will focus on Automobile, Aeronautics and Industrial components research and production.

The University has undertaken the following major extension projects.

- Spl SGSY Training sponsored by Ministry of Rural Development, GOI and Department of PR, GOO for Self Employment and Employment which involves skill mapping and customised training.
- Department of WCD, GOO sponsored Business Development Service Providers training to support SHGs
- Preparation of yearly District Plans of 4 Districts for various development projects
- Entrepreneurship Development Training needs mapping and administering under PMEGP, Ministry of MSME, GOI.
- Business Correspondent Project under Financial Inclusion Programme in partnership with Indian Institute of Banking and Finance, Various PSU Banks and Technology partners.
- STEP UP training funded by Housing and Urban Development Department for Nano – Min - Micro entrepreneurship and Employability

b) List of Research Publications for the last 3years Total Number of Publications

40

78

Department of Basic Sciences and Humanities : 13
Department of Mechanical Engineering : 33
Department of ECE : 10
Department of Chemical Engineering : 06
Department of EIE : 01

• CSREM : 15

Details are provided in **Annexure - I** 

c) List of ongoing research projects with their source of funding

SI. No	Name of the Project	Source of
		Funding
01	STED Project	DST
02	TDBI Project/ STEFC/ Mini Tool Room	DST/
		MSME/
		G00
03	Research project under SERC Fast Track	DST
	Scheme entitled "Neural Network based	
	FDTD for faster simulation of Electro	

			Magnetic Structure			
		04	Cluster Development Projects (10 Clusters)	Ministry of MSME		
24	Future plans for starting new courses	<ul> <li>i) Master of Technology, M.Tech – VLSI Design</li> <li>ii) M.Tech Power Electronics and Electric Drives</li> <li>iii) M.Tech – Computer Science</li> <li>iv) M.Tech in CAD/CAM</li> <li>v) Bachelor of Technology, B.Tech – Construction Engineering (the program will be offered by the Civil Engineering Dept.)</li> <li>vi) Integrated B.Tech/MBA programme</li> <li>vii) Diploma in Food Technology</li> <li>viii) M.Sc. in Applied Mathematics, Physics, Chemistry.</li> <li>ix) M.Com.</li> <li>x) B.Sc., B.Com.</li> <li>xi) B.Ed.</li> <li>xii) School of Distance Education (Management and Finance Programmes only).</li> <li>xiii) Ph.D. programmes in Engineering and Technology, and Management.</li> <li>xiv) M.Tech. – Communication Systems</li> <li>xv) M.Tech. – Design and Manufacturing (Mechanical)</li> </ul>				
25	Whether courses in emerging areas introduced/proposed to be introduced	Yes Proposed Courses are: i) M.Tech – Food Technology ii) M.Tech – Nanotechnology iii) PG programme in - Disaster Management iv) PG Programme in - Renewable Energy and Environment  (The subject of Nanotechnology has been introduced in the syllabus of M.Tech – Communication Systems programme)				
26	Whether approval of relevant statutory bodies obtained for starting professional /courses/increased intake		re being run with required approvals and for neased intake, necessary approvals will be obta boodies.			
27	Examination System	Annexure- J				
28	Number of sanctioned posts of Professor – Readers – Lecturers (Please give a list of faculties with their qualification/scales of pay)	Assis     Sr. Le  List of faculty	essors/ Associate Professors - 13 tant Professors - 64 ecturers/ Lecturers - 59 with qualification/ scale of pay given in <u>Anne</u>			
29	Names, designations,	Department	wise faculty list in Names, designations, qualif	ications		

30	qualifications and publications of the existing teaching staff (department-wise)  Whether the faculty members organized or attended international/ National Conferences Workshops, if so give details.	and publications are provided in Annexure - L  Details of faculty members who organized or attended international/ national conferences/ workshops are provided in Annexure - M
31	Linkages with other Institutions (National and International, give details)	<ul> <li>Partnership with Accenture, Oriental Bank of Commerce and Educomp for establishing IllT-Orissa under PPP Mode (50:35:15) with equity participation from Ministry of HRD, Govt of India – INR 104 crores, Govt of Orissa - INR 44 crores and minimum 50 acres of land (free of cost from Govt of Orissa)</li> <li>MOU with Queensland University of Technology (QUT) SAP University Competency Center (Australia) and SAP India for ERP Courses</li> <li>MOU with University of Southern Queensland (USQ) Australia for offering joint degrees and capacity building of CUTM faculty members</li> <li>MOU with University of Ballarat (Australia) for academic collaboration and research</li> <li>MOU with Regional Research Laboratory (RRL), Bhubaneswar.</li> <li>MOU with Regional Research Laboratory (RRL), Bhubaneswar.</li> <li>MOU with Central tool Room and Training Centre, BBSR for joint degree programs</li> <li>Agreement with Pearson VUE Authorised Testing Centre</li> <li>Partnership with Indian Institute of Welding – IlW for joint degree programs</li> <li>Partnership with IBM for establishing Center of Excellence</li> <li>MOU with Andhra Pradesh Khadi Village Industries Board, Humayunnagar, Hyderabad to start a Skill Development Center</li> <li>Training Partner Agreement (TPA) M/s IL&amp;FS Cluster Development Initiative Ltd.</li> <li>Agreement for Induction Training with Orissa Hydro Power Corporation Ltd. BBSR</li> <li>MOU with WCD Department, Govt. of Orissa for training BDSP (Business Development Service Providers) of 18 districts</li> <li>Partnership with RSB Transmissions (I) Ltd</li> <li>Partnership with Uniparts India Ltd</li> <li>Exchange Agreement between BIRLA INSTITUTE OF MANAGEMENT TECHNOLOGY, INDIA.</li> <li>MOU with Intelligroup Asia Pvt. Ltd.</li> </ul>

- MoU with Infosys for Campus Connect
- MoU with Govt of Orissa for Technical Support for District Plans
- MoU with Ashok Leyland for imparting employment-assured vocational training
- MoU With Employment Generation & Marketing Mission
- Accreditation by Khadi and Village Industries Commission, State Office, Ministry of M.S.M.E (Govt. of India) for EDP Trainings under PMEGP
- MoU with Dalmia Institute of Scientific and Industrial Research (DISIR), Rajganpur.
- MoU with Navayuga Engineering company Ltd.
- Approval from Govt of Orissa for establishing a Mini Tool Room and Training Centre from Development and other relevant letters
- Minutes of meeting between GoO and GoI under the Chairmanship of Hon'ble Chief Minister Orissa signed by the Chief Secretary of Orissa State to enhance the Mini Tool Room to full Tool Room with Rs.9 crore grant from GoI
- MOU with ORMAS, Panchayati Raj Dept. for Skill Upgradation Training Programme, Govt of Orissa
- Partnership with GoO to launch skill training in 120 schools located in 6 tribal districts in Orissa State
- Partnership with Accenture for skill to succeed programme
- Partnership with Indian Institute of Banking & Finance for certificate courses in the Business Correspondence & Business Facilitators
- Min of MSME, Government of India CSREM was empanelled as a Rajiv Gandhi Udhyami Mitra Institute (Reg no: UMOR202000195) on 13 November 2008, on recommendation from the Industry Dept, GoO. This is the only Institute in Eastern India to be conferred this status by the Government of India
- Agreement with Meritrack for CUTM admission test.
- Certified as an authorised NSIC, Ministry of MSME Training cum Incubation Centre under Public-Private Partnership.
- Certified as Vocational Training Provider by Ministry of Labour, GOI to provide training under MES.
- Partnership with DST for Skill Development Training

#### **Corporate & Other Support**

- Hindustan Petroleum Corporation Ltd HPCL (a Government of India Enterprise) has constructed a portion of the hostel for tribal boys and donated an ambulance and other equipment at an estimated budget of Rs.70 lakh.
- National Aluminium Ltd Co NALCO has contributed Rs.15 lakh for procurement of lathe machines and Rs.35 lakh for

		CNC production machines.
		<ul> <li>Steel Authority of India Ltd - SAIL has contributed Rs.33 lakh for procurement of computers and Rs.25 lakh for a portion of a dormitory</li> <li>WAPCOS - Contributed Rs.15 lakh to set up a community water body for water supply to poor farmer communities in Gajapati district</li> </ul>
		Axis Bank Foundation - Axis Bank has contributed Rs.36 lakh for CNC Lathe and Milling Machines and Powder Coating units, etc; and Rs.17 lakh for trainer CNC Lathe and Milling Machines
		Vedanta – set up a workshop by contributing Rs.53 lakh
		Navyuga – Rs.15.45 lakh for various machines
		Ministry of MSME, Govt of India – EDI – contributed Rs.97 lakh to set up an Entrepreneurship Development Institute (CSREM)
		B&K Securities – contributed Rs.5 lakh for infrastructure
		(Copies provided in Annexure <b>N</b> )
32	Whether Non- teaching staff appointed; if yes, give details	Yes Details provided in Annexure – O
33	Whether institute is following UGC Pay Scales for teaching staff	<ul> <li>Yes</li> <li>Lecturers – Rs.8000-275-13500, with 50% Merged DA and usual DA and HRA</li> <li>Asst. Professors – Rs.15600-39100, with Grade Pay and usual DA and HRA</li> <li>Associate Professors – Rs.37400-67000, with Grade Pay and usual DA and HRA</li> <li>Professors – Rs.37400-67000, with grade pay and usual DA and HRA</li> </ul>
34	Facilities for faculty and staff	<ul> <li>On Campus residence for Faculty and Staff connected with essential services.</li> <li>Internet facilities to Quarters and Staff Rooms.</li> <li>Medical Facilities (Dispensary with Ambulance services).</li> <li>ATM, Post Office counter.</li> <li>Mediclaim facilities to all staffs.</li> <li>Employees Provident Fund.</li> <li>Transport to and fro at concessional rates.</li> <li>Financial assistance for Paper Presentation in National and International Conferences.</li> <li>Incentive and Bonus</li> </ul>

35	Facilities for students	The following facilities are available to the students of University		
		<ul> <li>Residential facilities for boys and girls.</li> <li>Library facilities for 24 hours and book bank facilities – during exam periods</li> <li>Transport services.</li> <li>10 Mbps Internet connection in the hostel Rooms.</li> <li>Canteen facilities</li> <li>Cafeteria</li> <li>Common rooms for boys and girls.</li> <li>Seminar halls</li> <li>Post office on Campus</li> <li>ATM</li> <li>Movie club</li> <li>Music club</li> <li>Gymnasium</li> <li>Reprographic facilities</li> <li>Power back-up for hostel rooms.</li> <li>Portable water supply with Aquaguard</li> <li>Medical dispensary with ambulance services</li> <li>Playgrounds</li> <li>Open air auditorium</li> <li>NSS activities</li> </ul>		
36	Sports and Games facilities with details.  Hostel facilities available, if any	Outdoor games facilities for		
		4) Boys Hostel – IV – 48 rooms 4:1 5) PG Boys Hostel – 48 rooms 2:1 6) UG Girls Hostel – 65 rooms 4:1 7) PG Girls Hostel – 32 rooms 2:1 8) Vocational Training Hostel – 01; 250 capacity		

38	Other facilities	•	Optical Fibre connectivity for Internet
	available at the	•	Generator Backup of capacity 180 KW + 380 KW (total 02)
	Institute(s), give	•	Incentives, car loan, cooperative housing loans
	details.	•	Running school (KG – 12 Std) on Campus for children of faculty
			and staff

# IV. Status of the University as per UGC (Establishment of and Maintenance of Standards in Private University) Regulations, 2003:

SI. No	Item	Information/ Data Obtained
01	Whether this University has been established by a separate State Act, Indicate the name of the Act.	Yes  Centurion University of Technology and Management (CUTM) Orissa Act, 2010; Gazette Notification No: 1355, dt. 27-08-2010, Orissa Act 4 of 2010  (Provided in Annexure- A)
02	Is it a unitary University having adequate facilities for teaching, research, examination and extension services specify in brief.	Yes Facilities: The University has required classrooms, labs, workshops and ancillary supports. Actionable research is being promoted.  Research: The University is quite sensitive to the local needs and availability of indigenous raw materials. Hence, research is encouraged to address community problems and create livelihoods. The University has also received Mondialogo Engineering Award, by UNESCO & Daimler Chrysler, Germany for research on solar power on which The Economist carried an article.  The University has keen interest in the automobile sector and is engaged in production-cum-research.  Advanced labs are being set up for in-house research and to promote ideas which will have social implication and commercial viability.

		Examination: The University has zero tolerance for plagiarism in any form and a robust examination system with comprehensive guidelines which are in place for postgraduate and undergraduate programs.  Extension Services: Career counselling is inbuilt into the academic modules and intensive training programs are being imparted to
		develop students as per the industry requirement. Partnerships with various companies are in place for Campus Recruitment. The curricula are being developed in consultation with industry partners and constant feedbacks are sought to challenge and improve upon existing curricula. Continuous Language training is being embedded into curricula since that is the biggest challenge any institute in this region is facing. Capacity building and skill improvement of students are assigned substantial importance through hands-on knowledge, practice oriented approach and experience based learning. Entrepreneurial streaks are being nurtured with compassion. University has partnerships with SAP, Cisco, Sun, IBM, Infosys, IIW and receives substantial corporate support which is quite unique and note worthy.
		[Exam Manual provided at Annexure-J. Article of The Economist on Solar LED lights, list of various industry-partnership for campus recruitment communications - provided in Annexure P]
03	(i) Has the University opened any off campus centre(s)/ study centre/ off shore campus centre(s) outside the State/country. (ii) If yes, whether the University has taken approval of concerned State Govt./UGC before starting the centre(s). Give details of each centre in terms of infrastructure students, faculty and other academic facilities etc. (iii) If the University has opened off-shore centre.	No

	If an important to	
	If so, whether the	
	approval of the Government of India and	
	Govt. of host country	
	taken. Give details and	
	enclose documents, if	
	any.	
04	Whether the University	Courses being offered by the University have AICTE
• •	fulfils the minimum	approval.
	criteria in terms of	арргочан.
	programmes, faculty,	Cadre ratio as per AICTE norms is missing and should be
	infrastructural facilities,	improved. More number of faculty positions in higher
	financial viability, and	cadre need to be created. Faculty Development
	other physical and	programmes and research activities are to be enhanced.
	academic infrastructural	Infrastructure is required to be enriched with more
	requirements as laid	number of laboratories with permanent structure. Other
	down from time to time	
		physical facilities, viz. Hostels for boys and girls, mess,
	by the UGC and other	faculty quarters, games and sports, canteen, on-call
	concerned statutory	facility for doctor, dispensary in campus, post office, and
	bodies such as the All	guest house exist. Civil Engineering, Computer Science &
	India Council of	IT Departments require to be strengthened further. Basic
	Technical Education	Science labs (Physics and Chemistry) need to be
	(AICTE), the Bar Council	upgraded. With the University status from the State,
	of India (BCI), the	subscription of more number of International Journals of
	Distance Education	repute and reference books are required to be added. As
	Council (DEC), the	such, it fulfils the minimum eligibility criteria in terms of
	Dental Council of India	Infrastructure (Academic, Administration and Circulation
	(DCI), the Indian Nursing	area). The Examination Section need to be strengthened.
	Council (INC), the	
	Medical Council of India	Endowment fund of Rs.3 crore has been created and
	(MCI), the National	deposited in Nationalized Bank. The other funds are
	Council for Teacher	mobilised from students' fees, support from
	Education (NCTE), and	Government, etc.
	the Pharmacy Council of	
	India (PCI) etc as the	
	case may be.	
	(Specific observation of	
	the nominee of the	
	concerned statutory	
	council(s) may be given)	
	cosmon(o, may bo giveli)	
05	Whether the courses of	Yes
	studies prescribed for a	The Certificate is provide in Annexure Q
	first degree and /or post	
	graduate degree/	
	diploma programs have	
	been approved by the	
	respective academic	

	bodies of the Private University, such as Board of Studies, Academic Council and Governing Executive Council (enclose a certificate from the University in this regard)							
06	Whether the admission procedure and fixation	Yes (i)	Δdm	ission n	roceduro	as per the	norms of	f ∩ricca
	of fees is in accordance	(1)		•		JEE) and o		
	with the norms/	(::)		1 guideli		··- · · · · · · · · · · · · · · · · · ·		
	guidelines prescribed by the	(11)				<b>tion</b> Comr and mem		aded by
	(i) Admission Procedure.			-	•	d in their		e fields
	(ii) Basis of fee fixation.					ed a ceilir	•	fee
	(iii) Fee structure for the					r being no		acca Till
	different courses run by the University			•		ut of Oriss es were f	•	e Govt of
	and Granterenty			•		ne table be	•	
		(iii)				•	•	g its social
				nitment, every y	•	de in incre	easing sch	olarship
			value	every y	eai.			
			ech:					
		Year	Batch	Fees p.a. (in INR)	Internal	cholarship (in INF External	Total	Remarks
		2008- 09 2009-	2008- 12 2009-	60,000.00	7,97,800.00	18,25,861.00	26,23,661.00	Rs.35,000 for
		10	13	65,000.00	14,75,450.00		35,54,155.00	IT and Chemical streams
		2010- 11	2010- 14	65,000.00	24,17,965.00	31,66,915.00	55,84,880.00	Rs.35,000 for IT and
								Chemical streams
		2011- 12	2011- 15	70,000.00	Not yet calculated	3,67,675.00	Not yet calculated	
		M Te MBA	ch: Rs: Rs.1,	.70,000 20,000 p e Fee Fix Fee Fixa	p.a. – pro o.a. kation Cor	gram laur mmittee N ting and A	nched this  Members'	streams Rs.45,000 for IT and Chemical streams  year  List and
07	Whether the University	M Te MBA	ch: Rs: Rs.1,	.70,000 20,000 p e Fee Fix Fee Fixa	p.a. – pro o.a. kation Cor	gram laur mmittee N ting and A	nched this  Members'	streams Rs.45,000 for IT and Chemical streams  year  List and
07	is running any course	M Te MBA: (Copy Minu Proce	ch: Rs: Rs.1,	.70,000 20,000 p e Fee Fix Fee Fixa	p.a. – pro o.a. kation Cor	gram laur mmittee N ting and A	nched this  Members'	streams Rs.45,000 for IT and Chemical streams  year  List and
07	is running any course not specified under	M Te MBA: (Copy Minu Proce	ch: Rs: Rs.1,	.70,000 20,000 p e Fee Fix Fee Fixa	p.a. – pro o.a. kation Cor	gram laur mmittee N ting and A	nched this  Members'	streams Rs.45,000 for IT and Chemical streams  year  List and
07	is running any course	M Te MBA: (Copy Minu Proce	ch: Rs: Rs.1,	.70,000 20,000 p e Fee Fix Fee Fixa	p.a. – pro o.a. kation Cor	gram laur mmittee N ting and A	nched this  Members'	streams Rs.45,000 for IT and Chemical streams  year  List and
07	is running any course not specified under Section 22 of the UGC Act. Please give details Whether the faculties	M Te MBA: (Copy Minu Proce	ch: Rs: Rs.1,	.70,000 20,000 p e Fee Fix Fee Fixa	p.a. – pro o.a. kation Cor	gram laur mmittee N ting and A	nched this  Members'	streams Rs.45,000 for IT and Chemical streams  year  List and
	is running any course not specified under Section 22 of the UGC Act. Please give details	M Te MBA (Copy Minu Proce	ch: Rs: Rs.1,	.70,000 20,000 p e Fee Fix Fee Fixa	p.a. – pro o.a. kation Cor	gram laur mmittee N ting and A	nched this  Members'	streams Rs.45,000 for IT and Chemical streams  year  List and

minimum the	
qualifications prescribed	
by the UGC/ respective	
Statutory Council.	

#### V. Observations of the Committee.

The Observations of the Committee are valid for the Paralakhemundi Campus only and the Committee has not visited the Engineering College at Jatni, Bhubaneswar.

The Committee appreciated the vision and mission of the management of CUTM in the development of Engineering and Management education along with making an overall impact on the economy and social development of the region.

Despite being located in a minority dominated backward district of the State, the CUTM has been successful in making rapid progress in the last few years in increasing the enrolment of students and expanding the infrastructure.

Although the minimum eligibility requirements of the infrastructure and faculty are met, both need to be strengthened.

Provisions need to be made for the physically handicapped. More emphasis needs to be put on Environmental Studies with additional faculty.

Humanities and Social Science course credits need to be enhanced and more faculty in this area should be inducted.

#### VI. Suggestions of the Committee.

- There is a shortfall in enrolment of SC/ST students although CUTM is situated in a rural area
  which has large tribal population. This may be bridged by outreach programmes for schools in
  the region, where scholarships for students from the neighbourhood schools may be instituted
  by CUTM and these students be continuously monitored and nurtured, say from Class VII-VIII
  onwards.
- 2. More faculty positions need to be created and incentives should be provided to the faculty for pursuing research. This is an area which was found to be weak at present.
- New trades should be added under vocational training considering local resources and needs.
   The faculty and staff of all the departments should jointly work on it. Linkages with National Innovation Foundation should be established.

#### VII. Specific Recommendations of the Committee.

Although the total number of faculty is adequate, the cadre ratio needs to be maintained. The Committee is of the opinion that the said Private University (The Centurion University of Technology and Management) fulfils the criteria as laid down by the UGC and Statutory Body (AICTE).

## **UGC TEAM**

2. <b>Prof. Amit Roy</b> Director, Inter-University Accelerate Aruna Asaf Ali Marg, Post Box No 1 New Delhi - 110 067, India Tel: +91-11-2689-3045(Office), +91 Fax: +91-11-2689-3666, 2612-1960 e-mail: roy@nsc.ernet.in,	0502
3. Prof Raj S. Dhankar, PhD Head & Dean Faculty of Management Studies University of Delhi, Delhi 110007,IN Phone: (011) 27667877, Fax: (011) Mobile: +919873164205 E-mail: raj_sdhankar@rediffmail.co	27667183
4. Prof (Ms) Santosh Satya Centre for Rural Development & Te Indian Institute of Technology Hauz Khas, New Delhi ssatya@rdat.iitd.ernet.in	chnology
5. Prof Piyush Trivedi Vice-Chancellor Rajiv Gandhi Technical University, A Gandhi Nagar, Bhopal, MP Ph: 0755-2742001 (LL), 2742002 (F Cell: +91-9425017913 Email: profpiyushtrivedi@yahoo.cc	ix)
6. Dr Ratnabali Banerjee Joint Secretary University Grants Commission Eastern Regional Office LB-8, Sector III, Salt Lake, Kolkata-700 098 Ph: 033-23354768, ugcero_kolkata@yahoo.in	Member Secretary