

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY



CONFIRMED MINUTES OF THE 533rd MEETING OF THE SYNDICATE HELD ON 14.08.2008

Members present :

1. Dr. Gangan Prathap, Vice-Chancellor (in the Chair)
2. Dr. N.D.Inasu, Pro-Vice-Chancellor
3. Prof. V.P.N. Nampoori
4. Prof. P.O.J. Lebba
5. Adv. K. Mohanachandran
6. Sri. N.K.Vasudevan
7. Sri. B. Chakrapani
8. Dr. S. Salim
9. Prof. I.S. Bright Singh
10. Dr. Joy Job Kulavelil
11. Sri. V. Prasenani, Addl. Secretary (Finance)
12. Sri. K.A. Antony, Joint Secretary (Hr. Edn.)
13. Dr. Achuthsankar S. Nair
14. Sri. C.M. Dinesh Mani, M.L.A.
15. Sri. Alphonse Kannanthanam M L A
16. Dr.K.N. Chandrasekharan Pillai

Also present :

Dr.N.Chandramohanakumar
Registrar

Special Item reported by the Vice-Chancellor :

1. As per the decision of the last Syndicate, Vice-Chancellor nominated Dr. N. Chandramohanakumar as Registrar and he took charge on 24.7.2008 AN

2. As per the decision of the Syndicate, discussions with the student representatives were held on 24.7.2008. The Vice Chancellor, Dr. V.P.N. Nampoori, Sri. Baby Chakrapani, the Controller of Examinations and the Director IRAA were present for the discussion. From the student side representatives from all the Departments participated in the meeting.

As majority of the students had very strong apprehensions on the implementation side, the final consensus was against 100% internal assessment.

The Syndicate resolved to authorize the Vice Chancellor to constitute a task force for Academic Auditing and to address issues related to 100% internal assessment with Pro-Vice-Chancellor as Chairman. The members of the Committee shall be from members of the Syndicate, Academic experts and Deans.

3. Discussions were held by the members of the Syndicate Prof. Joy Job Kulavelil and Sri. Baby Chakrapani with the representatives of the student representatives on the conversion to credit and grading system in the B.Tech courses conducted in the Thrikkakara Campus and CUCEK and on the introduction of the N-4 scheme in B.Tech. Students have agreed for the introduction of N-4 scheme from the 2008 Batch onwards and change to the grade system without making any change to the present examination scheme.

Syndicate resolved to introduce N-4 from the 2008 admission onwards. It is also resolved to replace the existing mark system with grading system.

4. Meeting of the Vice Chancellors of Kerala State was held on 5.8.2008 with the Hon'ble Minister for Education, Govt. of Kerala and the Chairman of Higher Education Council Kerala. As the Vice Chancellor was indisposed, Registrar represented CUSAT in which one of the major decision was to change over the undergraduate programme to credit and grade system from 2009 admission onwards. Syndicate resolved to proceed with the actions University has already taken in this regard. The Hon'ble Minister had agreed to give concurrence to plan posts created for specialized areas. Syndicate resolved to prepare a consolidated list of the specialization posts which require Government concurrence to forward it to the Government.

5. Vice Chancellor informed to the Syndicate that 'Orientation Programme and Remedial Coaching for SC-ST-OEC students for the year 2008-09 will be conducted from August 15, 2008. The programme will be inaugurated by Sri. A.K. Balan, the Hon'ble Minister for SC-ST-BC Welfare and Electricity on Friday August 15, 2008 at 4.00 p.m. at the SMS Auditorium.

6. The Vice-Chancellor informed the members of the Syndicate, the Counselling for the P.G and U.G. Programmes for the University has almost completed and what left is a few admission to ST reserved seats and admissions against cancellation.

The Syndicate congratulated the Director and staff of the IRAA Unit for the above.

*7. The Vice Chancellor presented the Selection Committee reports in respect of the Professor post in Mathematics and the Lecture post in National Centre for Aquatic Animal Health (NCAAH). No one is ranked in the Professor post of Mathematics and the following candidates are ranked for the Lecture post in NCAAAH.

1. Dr. Valsamma Joseph	I st Rank
2. Dr. Anas A	II nd Rank
3. Dr. Najmudeen T M	III rd Rank
4. Dr. Sajeevan T P	IV th Rank

The Syndicate resolved to appoint Dr. Valsamma Joseph in the open post of Lecturer and Dr. Anas in the Muslim reservation post. The Syndicate also directed to get clearance from the U.G.C in the possibility of awarding additional increments to the appointed candidates, as suggested by the Selection Committee.

The Syndicate also resolved to re-advertise the Post of Professor in Mathematics.

Recruitment section

*8. In order to compile the information and data on the University and to make available all the possible information to the general public it is proposed to start a University Information Centre utilizing the services of the new Statistical Officer.

It was resolved by the Syndicate to set up the University Information Centre and the Registrar is authorized to constitute a committee with the following members to support the activities of the Centre.

1. Registrar
2. Dr. V.P. N. Nampoori
3. Dr. P.G. Sankaran, Department of Statistics

9. The Syndicate met on 31.5.2008 had in principle agreed for the creation of a Directorate for Sponsored Research and Industrial Consultancy and a Directorate of Management of Resources and Budget and had constituted a committee with Prof. Joy Job Kulavelil, Dr. S. Salim and Prof. V.P.N. Nampoori to examine the concept and to make recommendations on the detailed modalities for its implementation.

Resolved to request the Committee to finalize its report and place it in the next Syndicate meeting.

Item No.533.01 Confirmation of the minutes of the 532nd meeting of the Syndicate held on 19.07.2008.

The Syndicate considered the draft minutes of 532nd meeting of the Syndicate held on 19.07.2008 and approved the same with the following emendations :-

1. In the first paragraph, last sentence in Special item reported by the Vice Chancellor last sentence in the first paragraph be changed as 'He also expressed the confidence that the amount recommended by the Committee for this University for the XI plan would be far higher than that compared to previous years.'

2. In Items brought forward by the Vice-Chancellor 'para (iii) added 'To make a separate regulation for all programmes except B.Tech and to enforce it from next Academic year/admission.'

3. In Item No. 532.03 - the second para be replaced with the following:

Resolved that 3 post in Class III Category and 2 posts in Class IV Category of the University be earmarked for persons with disabilities under the Scheme of Direct Recruitment of Physically Handicapped in Cochin University Service, implemented vide U.O. No.Ad.A2/215/98 (PH) dated 05.11.1999.

The posts be distributed as follows:

Sl. No.	Category	Total	Details of disability	Name of the Post	No.
1.	Class III	3	Persons with blindness or low vision	Assistant	1
			Persons with Hearing Impairment	Duplicator Operator	1
			Persons with Locomotor Disability or Cerebral Palsy	Store Keeper Gr.III	1
2.	Class IV	2	Persons with Hearing Impairment	Mochee	1
			Persons with Locomotor Disability or Cerebral Palsy	Peon	1

It is also resolved to create a post of Mochee in the Self financing sector and further resolved that the qualifications for the Class IV posts be as done in the previous Notification for the Special Recruitment of Physically Handicapped in October 2002.

(Ad.G)

4. In Item No. 532.13 in para 3 the words 'the eligible' be deleted.

5. In Item No. 532.23 para 4 be changed as 'Also resolved that if any questions regarding seniority among teachers arise due to this decision, this is to be got reviewed by the Syndicate separately'.

6. In Item (1) of the Items considered outside the Agenda : the word 'provocation' changed as 'reason'.

7. In Item (5) of the Items considered outside the Agenda: (5) changed as 'The representation submitted by Security Guards regarding insufficiency of the existing

'Uniform Allowance' was examined by the Syndicate and resolved to purchase and distribute Uniform for the Security Guards.

Item No.533.02 Comprehensive report on the functioning of the Internal Audit & Inspection (IA & I) Section.

Syndicate considered the recommendations of the Standing Committee of the Finance and Purchase in the matter of Comprehensive report on the functioning of the Internal Audit and Inspection (IA & I) section and

Resolved to constitute a Sub Committee to study the existing non-teaching staff distribution pattern in the University vis-à-vis the actual workload in each department/office with the following members:

Adv. K. Mohanchandran - Convener
Sri. N.K. Vasudevan
Dr. S. Salim
Finance Officer – Secretary

(IA & I)

Item No.533.03 Sri. K.P.Venu – Mechanic – School of Ocean Science and Technology – Request for rectification of anomaly in the scale of pay – Reg.

Syndicate considered the recommendations of the Standing Committees of the Staff and Establishment and Finance and Purchase.

The Syndicate resolved that Sri. K.P. Venu, Mechanic be granted the scale of pay of R.5500-9075 (Rs.9190-15510 revised) with effect from the date of the Syndicate as a remedial step to rectify the anomaly in notifying this post earlier in the scale of pay of Rs.4500-7050 (Rs.7480-11910 revised) for transfer appointment taking into consideration of the views of the Deputy Director of Local Fund Audit.

(Ad.A)

Item No.533.04 Higher Education – Universities – Cochin University of Science and Technology – Inspection Report of the Finance Inspection Wing – Reg.

The Syndicate considered the matter along with the recommendations of the Standing Committees of the Staff and Establishment, Finance and Purchase and Works.

Resolved to accept the recommendations under Sl. No. 2,3,4, 9 and 11 in the Report of the Inspection conducted by Finance Inspection Wing for compliance and steps be initiated in this regard.

Further resolved to study the report of the Finance Inspection Wing by the Standing committee on Finance and Purchase and to make recommendations.

(IA & I)

*** Item No.533.05 Report of the Pro-Vice-Chancellor pointing out suggestion for solving the problem of teacher deficiency in School of Engineering and Cochin University College of Engineering, Kuttanad.**

Syndicate considered the matter along with the recommendations of the Standing Committees of the Staff and Establishment and Finance and Purchase.

Syndicate accepted the report of the Sub Committee constituted to examine the matter of granting increments to contract teachers and resolved to modify the resolution as given below: The rate of revision will be effective from 1.7.2008.

Salary Structure	Minimum Qualification
a) Lecturer – Rs.18,000/- per month with annual increment of Rs.400/-	B.Tech I Class/I Class M.Sc.
Persons with M.Tech Degree/M.Phil/MCA.will get Rs.19,000/- per month. Those having Ph.D will get Rs.20,000/- per month	
b) Reader Rs.27,000/- per month with annual increment of Rs.800/-	Ph.D in appropriate branch with two years experience or I class Masters Degree in appropriate Branch with five years experience in teaching/Industry/research.
c) Professor Rs.37,000/- per month with annual increment of Rs.1000/-	Ph.D in appropriate branch with I Class Bachelors/Masters Degree with 10 year's experience in teaching/Industry/research and five years must be at the level of Asst. Professor/ Reader.

(Ad.F)

***Item No.533.06 Sanction for new Colleges and courses and increase in intake for the existing course – Views of the State Government – Consideration of.**

The Syndicate considered the matter along with recommendations of the Standing Committee for Academic Matters and resolved that Government Order be followed in the University.

(Ac)

Item No.533.07 Recognized Institutions – CONSPI Academy of Management Studies – Extension of Provisional Recognition for the Academic Year 2007-08 – Action of the Vice Chancellor – Ratification of – Reg.

The Syndicate ratified the action taken by the Vice Chancellor in the matter of extension of provisional recognition to CONSPI Academy of Management Studies for the year 2007-08.

Resolved further that the Recognized Institution/Agencies shall strictly comply with the G.Os./U.Os in this regard.

(Ac)

Item No.533.08 Cochin University Chess Club – Financial Assistance sanctioned for the conduct of 20th CUSAT International Rating Chess Tournament 2008 – Reporting of

Syndicate ratified the action of the Vice Chancellor sanctioning in amount of Rs.10,000/- (Rupees ten thousand only) for conducting the 20th CUSAT International Rating Chess Tournament from 24th to 30th June, 2008.

(Ac)

Item No.533.09 Withdrawal of the delegation of powers of the Vice Chancellor – Reporting – Reg.

Syndicate ratified the action of the Vice Chancellor withdrawing the delegation of powers of the Vice Chancellor to Pro-Vice-Chancellor during the absence of a permanent Vice-Chancellor in CUSAT.

(Ad.D)

Item No.533.10 Circular and Government order on Group Insurance Scheme implemented in the University – Reporting of – For Ratification

The Syndicate ratified the action of the Vice Chancellor to implement the Government Order and Circular on Group Insurance Scheme in the University.

(Ad.G)

Item No.533.11 Sri.S.P. Prakasan, Assistant Engineer (Electrical) –Period of probation extended beyond one year – Reporting of

The Syndicate ratified the action of the Vice-Chancellor extending the period of probation in respect of Sri. S.P. Prakasan Asst. Engineer (Electrical) till 9.3.2008 A N and declaring the completion of period of probation in the post on 10.3.2008 F N.

(Ad.G)

Item No.533.12 Official Residential Telephone – Call charges – Instructions from the Government – Reg.

Deferred

(GA & EL)

Item No.533.13 Outbreak of fire in the Fibre Optics lab of the International School of Photonics –Report of the sub-committee constituted to inquire into this incident – Submitting of.

The Syndicate considered the report of the Sub committee constituted to inquire into the incident of Outbreak of fire in the Fibre Optics Lab of the International School of Photonics and resolved to accept it.

Syndicate further resolved to conduct Fire and Safety audit and Energy audit in all the departments of the University and also to study the feasibility of conversion to solar power, wherever possible.

(Ad.C)

***Item No.533.14 Software Engg. Block – Recommendations to Chief Technical Examiner – request of Contractor to use solid block and request Exempt from penalty – reg.**

The Syndicate considered the recommendations of the CTE Finance (INSP-Tech Wing) Thiruvananthapuram and the Works Committee met on 18.9.2008 and resolved to

1. The work may be entrusted to the same contractor at the same percentage 38% by changing country burnt brick to pre cast solid block with compressive strength not less than country burnt brick.
2. Tender excess is enhanced to 64.5% from 38% for steel and cement for the balance work of Rs.3,09,06,200/- on conditions that rate escalation is allowed only for the balance work amounting to Rs.3,09,06,200/-
3. If there is any reduction in the market rate of steel and cement as per 2008 schedule of rate proportions reduction should be made.
4. Date of effect of the revised rate will be the date of meeting of the Syndicate ie. 20.9.2008.

(UEU)

***Item No.533.15 Construction of Main block for CUCEK – Revised estimate of M/s. CPWD – Meeting of the Monitoring Committee – approval of – reg.**

The Syndicate considered the matter along with recommendations of the Standing Committee of the Syndicate on Works

Resolved to study and report the matter by a Committee consisting of Sri. C M Dinesh Mani MLA (Convener), Pro-Vice-Chancellor, Dr. Joy Job Kulavelil, Registrar, Finance Officer and University Engineer. In the absence of Convenor Dr. Joy Job Kulavelil shall Convenor of the meeting.

(UEU)

***Item No.533.16 Construction of the building – 4 blocks for B.Tech Marine Engineering Course at Thrikkakara Campus – approval of the revised estimate and payment of the additional amount – reg.**

The Syndicate considered the matter along with recommendations of the Standing Committee of the Syndicate on Works.

Resolved to study and report the matter by the same Committee constituted on item 533.15.

(UEU)

Item No.533.17 C-SiS Library – loss of books – writing off

The Syndicate considered the recommendations of the Standing Committee of the Syndicate on Finance and Purchases and resolved to Write off of the 245 Nos. lost/non returned library books of C-SiS worth Rs.41,652/- .

PL(UGC)

***Item No.533.18 Fees – M.Tech Course in Marine Biotechnology – Fixation of – Reg.**

The Syndicate considered the recommendations of the Standing Committees of the Syndicate on Finance and Purchases and Academic matters and resolved that the examination caution deposit for Laboratory and Library for this course be fixed at the rate applicable to similar M.Tech.

(Ac)

Item 533.19 Recognition as Research Guide – Application of Dr. K. Ajitha- Consideration of – reg.

The Syndicate approved the recommendations of the Standing Committee of the Syndicate on academic matters. Syndicate considered the clarification given by Dean, Faculty of Humanities and resolved to recognize Dr. K. Ajitha, Reader, Department of Hindi as Research Guide under the Faculty of Humanities.

(Ac)

***Item No.533.20 Creation of additional teaching posts in the School of Legal Studies for the LL.B (Hons.) Course – Consideration of – reg.**

The Syndicate considered the matter along with the recommendations of the Standing Committee of the Syndicate on Staff and Establishment

Resolved to create one post of Professor and four posts of Lectures in the self financing sector. Considering the urgency, immediate steps be taken to appoint these teachers and the scale of pay and qualifications be fixed as per U.G.C. Norms.

Also resolved that the matter of institution of posts created above be placed in the next Academic Council meeting itself.

(Ad.D)

Item No.533.21 Department of Physical Education - Engagement of Football Coach – Recommendation and Free Accommodation in the Athidi Bhavan – Action taken by the Pro-Vice-Chancellor – Ratification of -

The Syndicate ratified the action taken by the Pro-Vice-Chancellor vide U.O. No. Ac.A2/25737/98(PF) dated 11.02.2008.

The Syndicate further resolved to appoint a new Physical Education Teacher immediately.

(Ac.A)

Item No.533.22 Award of Degree – Implementation of adoption of new procedure for speedy processing of Degree Certificate – Action taken by the Vice Chancellor –Reporting of

Syndicate ratified the action taken by the Vice Chancellor vide U.O. No.Ac.A2/Degree/05 (II) dated 30.9.2007.

Item No.533.23 Extension of Terms on Lecturers on contract basis in various Departments – Sanctioned – Reported for Ratification.

Syndicate ratified the action of the Vice Chancellor to sanction for extension of terms of contract Lectures with effect from the dates requested by the respective Heads/Directors, for the periods as eligible.

Item No.533.24 Dr. V M. Nandakumaran, Professor, International School of Photonics – Deputation to IISER, Thiruvananthapuram – Sanctioned – Reporting of – reg.

Syndicate ratified the action of the Vice Chancellor to sanction for deputation of Dr. V.M. Nandakumaran, Professor, International School of Photonics to Indian Institute of Science Education and Research, Thiruvananthapuram for a period of one year w.e.f. 1st August 2008 under the usual terms and conditions of deputation envisaged under Rule 144, Part I, Kerala Service Rules.

(Ad.D)

Item No.533.25 B.Tech Regulation 2003 – Amendment to Regulation (Clause 5.4) by the Academic Council at its meeting held on 26.03.2008 – Action taken by the Vice Chancellor – Reporting to Syndicate for ratification.

Syndicate ratified the action taken by the Vice Chancellor to implement the resolution taken by the Academic Council as per Section 11(11) of CUSAT Act 1986.

(Conf.)

***Item No.533.26 Ph.D Programme 2006 – Department of Applied Economics – Departmental Admission Test – Revaluation – Reg.**

The Syndicate considered this items along with item No. 533.28 and the decision thereon need be considered.

(Ac.)

Item No.533.27 Educational Scholarship – Bharti Foundation – Institution – consideration of.

The Syndicate considered the matter of institution of Educational Scholarship by Bharti Foundation.

Resolved to institute the Educational Scholarship of Bharti Foundation in the University. The details of the Scholarship Scheme is **appended**.

***Item No.533.28 Ph.D admission in the Department of Applied Economics for the year 2007 - study report of the Pro-Vice-Chancellor-reg**

The Syndicate considered report of the Pro-Vice-Chancellor in the matter of Ph.D admission in the Department of Applied Economics for the year 2007

and resolved to:

- i) conduct the interview of the 11 candidates for 2006 Admissions and to finalize the rank list,
- ii) finalize the rank list of DAT 2007.
- iii) to conduct the interview within two weeks and to submit the action taken report in the next meeting.

***Item No.533.29 University Library –Subscription of Periodicals for the year 2009 – Request for Advance –Consideration of.**

The Syndicate considered the request for advance for subscription of periodicals for the year 2009 in the University Library.

Resolved to give sanction to the University Librarian for the following:

1. Approval of the Departments/School wise allocation of the amount for subscription of periodicals (as per list appended)
2. For the renewal of subscription to periodicals for the year 2009 at a total cost of Rs.60 lakhs (Rupees Sixty lakhs only) including Chemical Abstracts on CD-ROM and Online Databases.
3. To draw the amount of Rs.60/-lakhs (Rupees sixty lakhs) as advance for the subscription of the periodicals for the year 2009 on the basis of priority list of journals received from the Heads of Departments/Directors of Schools.

The expenditure on this account is proposed to be met from the head of account "1-07-0-Q-2-135 Books, Journals/Periodicals" provided in the current year's budget of the University.


REGISTRAR

BHARTI SCHOLARSHIP SCHEME

1. Background

Bharti Foundation has instituted Bharti Scholarship Scheme in 30 premier colleges across the country with the objective of supporting academically bright students who come from financially weak families.

A five-year MoU is entered into with the institution. The institute sends recommendation of deserving candidates and Bharti Foundation makes the final selection. Each consecutive year, two students are provided Bharti Scholarship on merit-cum-means basis. The Bharti Scholars are supported for the entire course-term.

2. Objective of Bharti Scholarship Scheme

The scheme has been launched with the objective of supporting bright students on merit-cum-means basis, in completing their higher education.

3. Components of Bharti Scholarship Scheme

3.1 Courses Considered:

- 3.1.1 Management courses
- 3.1.2 Engineering courses: B.Tech Information Technology (software), Electronics, Telecommunications
- 3.1.3 M. Sc. Agriculture and Agriculture Engineering (undergraduate)

3.2 Student Selection Criteria

- 3.2.1 Student will be chosen on merit-cum-means basis
- 3.2.2 Girl-students and disabled students are encouraged to apply
- 3.2.3 Each institute will recommend four students for two scholarships. Bharti Scholarship Committee will do the final selection. The student selection criteria would form the basis of selection.
- 3.2.4 The selected students will be called 'Bharti Scholars'.

3.3 Number of Scholarships

- 3.3.1 Two students will be supported from each institution.

3.4 Amount of Scholarship

- 3.4.1 Scholarship amount will include the course fee, hostel charges based on actuals subject to a maximum limit of Rs. 50,000/- per scholar per annum. The amount of scholarship will be decided in consultation with and recommendation of the Partner Institute.
- 3.4.2 Scholarship will be provided for the entire course duration, provided the student continues to meet the eligibility criteria – performance, etc.

3.5 Disbursal of scholarship

- 3.5.1 The scholarship amount will be disbursed to the scholar semester-wise, only on receipt of results of the previous semester and recommendation of the institute.
- 3.5.2 The scholarship cheque will be made in the name of the scholar and sent to the Partner Institute. The Partner Institute in turn will hand it over to the scholar.

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3.6 Partnership between Bharti Foundation and Partner Institute

3.6.1 Bharti Foundation will enter into MOU with the selected Institute for a period of five years, on the expiry of which the scheme will be reviewed for impact evaluation.

4. Bharti Scholarship Administration

4.1 Partner Institute will declare the availability of the scholarship in their website, brochure, and other promotional material and make 'Bharti Scholarship Application Forms' available to students on request.

4.2 Bharti Foundation will set up a Central Bharti Scholarship selection Committee for final selection of scholars, based on the recommendation received from the Partner Institute.

4.3 Partner Institute will review the performance of the selected scholars and recommend for renewal of scholarship before the start of each semester.

4.4 Bharti Foundation team will conduct an 'End of Scholarship' interview with the scholars and take annual feedback from the professor-in-charge of Bharti Scholarship Scheme deputed by Partner Institute in order to assess the impact of the scheme.

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administrator
administrator

Annexure I			
Colleges for Bharti Scholarship Scheme			
S.No	College Name	State	Course Offered
1	Punjab Agriculture University	Punjab	Agriculture
2	Govind Ballabh Pant University of Agriculture and Technology	Uttaranchal	Agriculture
3	Assam Institute of Management	Assam	MBA
4	Management Development Institute	Haryana	MBA
5	XLRI -Jamshedpur	Jharkhand	MBA
6	Disha Institute of Management & Technology	Chhatisgarh	MBA
7	Faculty of Management Studies, Delhi University	Delhi	MBA
8	Dept. of Business Administration (Gawahati University)	Assam	MBA
9	L.N.Mishra Institute of Economic Development and Social Change	Bihar	MBA
10	Army Institute of Management	West Bengal	MBA
11	Xavier Institute of Management	Orissa	MBA
12	Symbiosis Institute of Telecom Management	Maharashtra	MBA
13	Loyola Institute of Business Administration	Tamil Nadu	MBA
14	Institute of Management Technology	Uttar Pradesh	MBA
15	Indian Institute of Information Technology & Management, Gwalior	Madhya Pradesh	Software
16	Jawaharlal Nehru Technological University, Hyderabad	Andhra Pradesh	Software
17	L. D. College of Engineering	Gujarat	Software
18	Institute of Informatics and Communication	Delhi	Software
19	Indira Gandhi Institute of Technology . Delhi	Delhi	Software/ Telecom
20	National Institute of Technology, Surathkal	Karnataka	Telecom
21	The Y.M.C.A. Institute Of Engineering	Haryana	Telecom
22	IIT Kharagpur	West Bengal	Telecom
23	IIT Guwahati	Assam	Telecom
24	Punjab Engineering College	Punjab	Telecom
25	National Institute of Technology, Rourkela, Orissa	Orissa	Telecom
26	Birla Institute of Technology & Science	Rajasthan	Telecom
27	Goa Engineering College	Goa	Telecom
28	National Institute of Technology, Trichy, TN	Tamil Nadu	Telecom
29	NIT Warangal, AP	Andhra Pradesh	Telecom
30	Shri G.S.Institute of Technology & Science	Madhya Pradesh	Telecom