



## **MINUTES OF THE GOVERNING BOARD OF THE CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA HELD ON DECEMBER 10, 2017, AT BHUBANESWAR CAMPUS**

The Following members were present:

1. Prof. MuktiKanta Mishra, President, CUTM	Chairman	Present
2. Prof. D N Rao, Vice President, CUTM	Member	Present
3. Prof. Haribandhu Panda, Vice Chancellor, CUTM	Member	Present
	Secretary	
4. Prof. Supriya Pattanayak, Dy Vice Chancellor, CUTM	Member	Present
5. Prof. Anita Patra, Registrar, CUTM	Member	Present
6. Shri G. V. V. S. Sharma, IAS, Principal Secretary	Member	Present
7. Prof. Omkar Nath Mohanty	Member	Present
8. Prof. Sudhakar Panda	Member	Present
9. Dr. Rajat Kujur	Member	Present
10. Dr. D. P. Pattanayak	Member	Present
11. Prof. C.R Rao, Emeritus Professor, CUTM	Member	Present
12. Prof. Anurag, Pro VC , CUTM	Invitee	Present
13. Prof. M. L. Narasimham, Dean Academic Affairs, CUTM	Invitee	Present
14. Prof. H. K. Sahu, Director QA & Examination, CUTM	Invitee	Present
15. Shri. Binay Bose, CFO, CUTM	Invitee	Present

The leave of absence was granted to:

1. Shri Bhagirathi Badajena, Hon'ble MLA	Member
2. Smt. Basanti Mallick, Hon'ble MLA	Member
3. Dr. Mohan Kanda Member, IAS (Retd.)	Member
4. Shri. P.N.S.V Narasimham	Member
5. Shri. Aditya Sapru	Member
6. Shri. Karthick Sridhar	Invitee

The following agenda items were discussed in the meeting:

1. Welcome address by the Chairman
2. To confirm the minutes of the previous meeting of the Board of Governors held on 25<sup>th</sup> Nov 2016
3. To review the action taken on the decisions of the previous meeting of the Board of Governors
4. Report on the Activities of the University during the Academic year 2016-17
5. Income & Expenditure – An overview
6. Approval of the Academic matters: Course structure & syllabi
7. Approval of Academic Matters: New Programs

8. Ratification of MOUs signed with (December 2016 to Dec 2017)
9. Ratification of
  - a) all Appointments of Faculty/Staff during 1<sup>st</sup> July 2016 to 30<sup>th</sup> June 2017
  - b) Students intake strength and enrolled strength for 2017-2018 AY.
10. Academic & Examination related issues
11. Approval of list of Degree Recipients to be conferred the degrees in the 5<sup>th</sup> Convocation of the University on 11th Dec 2017
12. Approval of Gold Medal list for the year 2017
13. Financial plan & the budget for the Academic year 2018-19
14. Any other point with the permission of the Chair

## **1. WELCOME ADDRESS BY THE CHAIRMAN OF THE GOVERNING BOARD**

The Chairman welcomed all the members and invitees to the meeting of the Governing Board and briefed about the new developments in the University. He highlighted the following points.

- The University is in the path of growth both horizontal and vertical.
- All the effort of the University has been to be a Skill Based University. It has also been conferred the Skill University status through a Gazette notification in August 2017.
- It was informed that the University has planned to open a new campus in Balasore.
- University has implemented the Learning Record for students, wherein the student writes his/ her learning for each class for both theory and practice courses. University plans to implement the Learning record for Teachers as well as the Teaching records wherein the teacher will record the pedagogy used in teaching.
- A lot of emphasis has been given to Community interventions by students as a part of their curriculum.
- International students from Deakins University, Australia, Victoria University, Australia and University of California, Santa Cruz have come for student exchange programs.
- Centurion University becomes the first e-automobile manufacturer in Eastern and North-Eastern India. It is the first company to come up from the incubation center.
- The President stressed on the need to connect teaching and learning with practical, hands-on applications; to encourage both students and faculty to think outside the circle, which is a continuous process at Centurion.

**Suggestions by Board Members:**

- More practice courses for the laggarads. CBCS curriculum provided an opportunity to take more credits through projects.
- For the B. Tech students, remedial approach to be taken up. Generally, students may not have done their, 11<sup>th</sup> & 12<sup>th</sup> classes well, hence Bridge courses needs to

- be implemented just before the starting of first semester. 11<sup>th</sup> & 12<sup>th</sup> class books may be kept in the hostels for the benefit of the students.
- University can take up Mentorship by IITs & NIISER etc.
  - Technology enabled teaching and use of open course ware will help in quality teaching.
  - Teachers may be sent to industry for training.
  - Courses in Social Sciences and Languages to be introduced for all Professional courses.

**2. TO CONFIRM THE MINUTES OF THE PREVIOUS MEETING OF THE GOVERNING BOARD**

Since no comment was received from the members of the Governing Board, the minutes of the previous meeting as presented by the Vice Chancellor was ratified by the Board unanimously.

The Chairman signed the minutes.

**3. TO REVIEW THE ACTION TAKEN ON THE DECISIONS OF THE PREVIOUS MEETING OF THE BOARD OF GOVERNORS**

The Vice Chancellor briefed on the action taken on the decisions taken in the previous meeting of the Board of Governors.

**4. REPORT ON THE ACTIVITIES OF THE UNIVERSITY FOR THE ACADEMIC YEAR 2016-17**

The Vice Chancellor presented the Activities of the University for the Academic year 2016-17 with following highlights.

1. Centurion University of Technology and Management (CUTM), Odisha got the recognition as the 'Skill University' by the Government of Odisha through 30<sup>th</sup> August 2017 Gazette notification.
2. CUTM, Odisha Facilitated establishment of the Centurion University, Andhra Pradesh in the state of Andhra Pradesh. A 60 Acre campus in the foothills of Eastern Ghats is under development at Vijayanagaram.
3. University Grants Commission awarded 12B status on 26<sup>th</sup> December 2016 (Already received NAAC Grade 'A' in 2015).
4. The Skill Development and Technical Education Department of the Government of Odisha approved, through a competitive bidding process, the establishment of the Institute for the Training of Trainers (ITOT) at its Bhubaneswar Campus with a viability gap funding of Rs 2.9 crore.

5. Having fulfilled all the conditions stipulated under National Employability Enhancement Mission (NEEM) 2017, Centurion University has been recognized as NEEM facilitator. Thus, the University can offer on the job practical training to enhance the employability of a person either pursuing or discontinued his/her graduation/diploma in any technical/non-technical stream.
6. The University offers 2 Certificate, 11 diploma, 36 undergraduate and 33 postgraduate and doctoral programs through Schools of Agriculture, Applied Sciences, Architecture and Planning, Engineering, Management, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences and Vocational Education and Training located in four constituent campuses across Odisha, at Paralakhemundi, Bhubaneswar, Rayagada and Bolangir with a student strength of 8965 as on November 2017.
7. During the year, four new schools such as School of Forensic Sciences, School of Education, School of Open and Distance Education and School of Mining have been started. In 2017, the University launched new courses, such as M.Sc.Ag in Agronomy, Agricultural Extension and communication, Horticulture (Vegetable science), Molecular Biology and Biotechnology, Genetics and Plant Breeding; and B. Sc. (Fisheries Science).
8. The University has established a state-of-the-art Allied Health Sciences and Paramedics Learning Laboratory. The laboratory is equipped to offer short, medium and long term programs in Clinical Medical Research, General and Emergency Trauma Care, Optometry and Vision Science, Radiology and Imaging Technology. School of Agriculture has established biotechnology lab, Biofertiliser and Biopesticide Unit, Mushroom production Centre, Bakery Unit, Dairy and Dairy Processing Units.
9. The domain based teaching in different disciplines has been further strengthened with deeper and wider industry partnerships. The students and faculty learn the linkage of Teaching, Training, Production and Productivity by practicing it in the University through their Lived in Experience.
10. Learning records for students are maintained for better learning and its traceability.
11. Student specific action plans for timely graduation and realization of career objective are used as tools for mentoring by the faculty.

12. Teaching-learning records for faculty are being planned for better learning and its traceability.
13. CUTM has created Centers of Excellence in Renewable Energy and Environment, Material Science, Organic Agriculture and Value Addition, and Indigenous Knowledge System. These Centers and social enterprises that the University has set up help in solving real life problems faced by the community through development of skilled manpower and appropriate technologies
14. The Center for Renewable Energy and Environment has
  - a. Developed Solar energy operated drip irrigation system, Solar fish dryers, and Solar energy operated sugar cane juice extractors
  - b. Executed ‘Suryamitra Skill Development Programme’ and ‘Clean Energy Entrepreneurship Development Program’ to develop more than 150 skilled work force and 10 Clean Energy Entrepreneurs in the state of Odisha for exploiting solar energy in partnership with Ministry of Nonconventional and Renewable Energy, Government of India, Odisha Renewable Energy Development Agency, SELCO Foundation, Schneider Electric and Harsha Trust.
  - c. Undertaken repair of distribution transformers in its workshops
  - d. Taken up erection of grid interactive solar power plant of half a Megawatt capacity each in its Bhubaneswar and Paralakhemundi campuses in association with the supplier.
15. The Centre for Organic Agriculture and Value Addition has
  - a. Undertaken Biofertiliser and biopesticide production in the campus and outside
  - b. Development of 114 Qualification Packs and training modules, and 110 Community Resource Persons (CRPs) for production and marketing of biofertilisers and biopesticides in the state with support from National Skill Development Corporation and a number of non-governmental organisations.
16. The University trained 7502 Anganwadi Workers belonging to Anganwadi Centres across 12 districts of Odisha on ‘mother tongue based multilingual early childhood care and education’. This was conducted in collaboration with the “Women and Child Development Department, Govt. of Odisha” and with support from Bernard van Leer Foundation (BvLF).
17. The University own the Norwegian Centre for International Cooperation in Education (SIU) award for a four year Partnership Programme, starting 2018, with the Norwegian University of Science and Technology (NTNU) for Sustainable Entrepreneurship and Skill Integrated Education.

18. Between 2011 and 2017, the University filed 17 patents from its action research.
19. The University publishes a half yearly journal, ‘Centurion Journal of Multidisciplinary Research’, to promote in-house and context specific research.
20. Between 2011 and 2017, 151 students in Science and Engineering, and 90 students in Management and Social Science have registered in doctoral program. Out of it, 25 candidates have received their PhD and 10 students have submitted their final dissertation.
21. In 2016-17, the faculty of the University had 58 publications in national and international journals.
22. The University has adopted a concept of ‘Adarsh Gram’ to promote sustainable livelihood security and quality of life of village communities around its campuses. While the concerned community remains the prime mover in realizing such an objective, the University plays a facilitator’s role. Key members of the University community, i.e. students, faculty and staff remain actively engaged in system design, execution, monitoring and evaluation. Each activity under the project is integrated into the teaching and training programs that the University offers. The neighboring villages play the role of field schools for experiment and application of various concepts and processes. The interventions in the villages will meet the requirements of United Nations Sustainable Development Goals (SDGs). Patikota village near Paralakhemundi campus is the pilot case in implementation of six dimensions of development such as Education, Health, Livelihood, Natural Resources, Infrastructure and Governance.
23. The University closely works with its social entrepreneurial outreaches **Bapuji Rural Enlightenment and Development Society (BREDS)** and **Harsha Trust** for its action research and to promote sustainable livelihood security of the underprivileged sections of society in North coastal Andhra Pradesh and South Odisha.
24. **Centurion Science & Technology Entrepreneurship Facilitation Centre**, a Section 8 Company promoted by the University, popularly known as Urban Micro-Business Centre (UMBC) has become a center for research and learning activities for students of management and engineering from India and abroad. Till 2017, it trained 370 potential entrepreneurs from chronically poor families for undertaking micro businesses. Further, it supported 35 women with low interest loans through established bank linkages. The Centre has directly impacted life and livelihood of more than 100 families in Kargil Basti.

25. **Gram Tarang Employability Training Services Pvt. Ltd. (GTETS)** a social entrepreneurial initiative of the University is active in skill development and vocational education of youth and physically challenged persons, for employment and self-employment, primarily from disadvantaged areas of East & North East India. It brings in industry partnerships for joint skill programs and placements; undertakes actions for alignments with the requirements of Qualification Pack, National Occupational Standard (NOS) and Sector Skill Councils (SSCs); and implements programs through mobilization, centre Setup, training, placement and post placement support. It mainly works in Automotive, Manufacturing, Civil Construction, Mining, Electrical & Electronics, Apparel & Textiles, Retail & Hospitality, Paramedics, IT & ITeS industries.
26. Two incubatees of the Centurion University working in GTETS received the trade certificate for production of E-Autorickshaw from Odisha State Transport Authority after the approval from International Centre for Automotive Technology, Mannesar, Haryana.
27. **The Gram Tarang Inclusive Development Services Pvt. Ltd. (GTIDS)**, another social entrepreneurial initiative of the University is active in Financial Inclusion space. It works in 15 states of India in over 26,000 villages as business correspondent for Technology Service Provider (TSP) Atyati & TCS on behalf of 14 Banks as on October 2017. GTIDS opened more than 1.6 Crore no-frills accounts, including 71 Lakh accounts under Pradhan Mantri Jan Dhan Yojana .
28. **Gram Tarang Foods Pvt. Ltd. (GTF)**, another Social Enterprise of Centurion University dedicated to producing high quality spice extracts supports local value addition, local market creation and market linkage for farmers. The faculty and students of the University have been successful in designing, fabricating, erecting, testing and commissioning of high pressure stainless steel heat exchangers used in the plant.
29. **The Center for Assessment and Certification**, another social enterprise of the University undertakes assessment of skill courses and recognition of prior learning in Odisha, Andhra Pradesh, Telangana, Madhya Pradesh, Chhattisgarh, Himachal Pradesh, West Bengal and other states. The Centre is recognised by the Ministry of Skill and Entrepreneurship Development (MOSED), Government of India. It works closely with a number of Sector Skill Councils such as Automotive, Telecom, Tourism & Hospitality, Furniture & Fittings, Electronics, Agriculture, Retailers Association, Plumbing and Health.

30. Two groups of students from Australia First Nation (aborigines) visited Centurion University in October and November and got engaged in classroom training, action learning labs, social enterprises and cultural excursions. This visit was the result of the collaboration between Centurion University, Wadeye Northern Territory and TAFE New South Wales and supported by the Australian Government through their Outward Bound Mobility Programme.
31. Conferences were organised
- Sixth International Conference on Gerontological Issues and Higher Education
  - Ninth International Conference on Hydro-Gramin Technology (Sustainable Agriculture, Rural Development and Livelihood Improvement) was organized in collaboration with the International Institute of Bengal Basin (IIBB), California, USA
  - National conference on Zero Effect and Zero Defect for MSME sector was organised in collaboration with the Utkal Chamber of Commerce and Industry and Quality Council of India.
  - Kissan Mela cum Exhibition - 2017 was held by the School of Agriculture at its Paralakhemundi Campus on 8th March, 2017 in collaboration with CARE India. More than 1000 farmers with their spouses participated in the fair and got exposed to different farmer friendly sustainable agriculture technologies and package of practices.
  - Third Chandrabhaga Poetry Festival
  - International conference on Religion in Digital Asia
  - Commonwealth of Learning Canada Course Writers' Workshop on Media and Communication
32. To enhance teaching-learning effectiveness, bright and enthusiastic students are encouraged to undertake peer teaching. The University is planning to offer "Student Teacher Domain" where students will teach courses to their juniors and to those having back paper. The process is expected to give interested students a platform to experience teaching and motivation for a career in teaching.
33. Two students of 3rd year Computer Science Engineering, Mr. Chaduvula Prasanth and Mr. Anni Viswa Chandan of Paralakhemundi campus have got a start up 'Teeny Hopper Solutions Pvt. Ltd.', an aggregator of all aggregators. The Company can receive orders from anywhere and at any time with a simple SMS or Email and the product or service is delivered at the doorstep. The objective is to improve the market access and last mile supply chain.



34. 17 students of the School of Agriculture qualified in Junior Research Fellowship examination in June 2017.

## **5. OVERVIEW OF INCOME AND EXPENDITURE FOR THE YEAR 2016-17**

The CFO gave an overview of income and expenditure of the University for the financial year 2016-17.

## **6. APPROVAL OF THE ACADEMIC MATTERS: APPROVAL OF COURSES & SYLLABI**

The analysis of the feedback on curriculum taken from all the stakeholders, viz. Students, Teachers, Alumni, and Employers was briefly presented by Dean Academics. Based on it the modification of syllabus was discussed and made in Board of Studies and Academic Council.

The course structure and syllabus for 2017-18, which was approved by the Academic Council, was presented for approval to the Board members by Dean Academics.

The Dean, Academic Affairs, presented key academic matters, as below, for approval. The courses are from SoM, SoAS, SoET, SoVET, SoPLS, SoPAHS, SoFS, SoDE. The courses presented for approval are as follows:

- B. Tech.- (CSE, ECE, EEE, EE, Civil Engg., Mech. Engg., Petro Chemical Engg.) - Domain Based Curriculum as per CBCS
- B. Tech.- CSE (Cloud Technology and Information Security) and CSE(Cloud Technology & Mobile Application) in collaboration with INurture
- B. Tech Mining
- B. Tech (Agriculture)
- M. Tech. (Industry Integrated Programme)
  - i. M. Tech. in Automotive Engineering (Mech. Engg.)
  - ii. M. Tech. in Internet Security (CSE)
  - iii. M. Tech. in Data Analytics (CSE)
  - iv. M. Tech. in VLSI Design (ECE)
  - v. M. Tech. in Embedded System (ECE)
  - vi. M. Tech. in Renewal Energy
- M. Tech. by Research
- B. Sc. 2nd yr& 3rd year (Physics/Chemistry/Mathematics/ Zoology/ Botany)
- B. Sc. (IT) 2nd Yr& 3rd Yr- (Cloud Technology and Information Security) in collaboration with INurture
- M. Sc. 1st Yr& 2nd year(Physics/Chemistry/ Botany/ Zoology)
- M. Sc. IT (1st & 2nd Year)
- BCA 2nd & 3rd Year Syllabus
- M.Phil (Physics/Chemistry/Mathematics) Syllabus
- MBA

- MBA (Data Analytics)
- MBA (Agri Business)
- MBA (Development Management)
- MBA (Digital Marketing & E-commerce)
- MBA (Hospital Management)
- BBA, BBA (FS)
- B. Com./ B. Com. (Banking & Accounting)
- Diploma in Mining / Diploma in Engg. (Mechatronics/ Mechanical/ Electrical/ Automobile/ Civil)
- B.Sc. Hons. (Agriculture) 1st to 4th year syllabus
- B. Sc. (Fisheries)
- M. Sc. (Agriculture)
  - i. M. Sc. (Agronomy)
  - ii. M. Sc. (Agricultural Extension)
  - iii. M. Sc. (Horticulture)
  - iv. M. Sc. (Genetics and Plant Breeding)
- B. Pharma
- Msc. (Forensic Science)
- BSc (Optometry)3<sup>rd</sup> Year syllabus
- Paramedics & Allied Health Sciences
  - i. B. Sc. / M. Sc. - Medical lab. Technology, Radiology & Imaging Technology, Microbiology
  - ii. Diploma- Medical lab. Technology, Radiology & Imaging Technology
  - iii. Certificate- Medical lab. Technology, Radiology & Imaging Technology
- Open and Distance Education
  - i. BBA
  - ii. MBA

The syllabus was approved by the members of the Board.

## **7. APPROVAL OF ACADEMIC MATTERS: NEW PROGRAMS 2018-19**

The Deans Academics presented the following new programmes for approval.

1. B. Sc. Interior Design: A 3 year programme – total of 142 credits spread across 6 semesters.
2. M.Sc Ag Horticulture (Vegetable Science) – 30 seats, M.Sc. Ag (Agronomy) – 30 seats, M.Sc. Ag (Genetics and Plant Breeding) – 30 seats, M.Sc. Ag (Agricultural Extension & Communication) – 10 seats.

The above programmes were approved by the board.

**8. RATIFICATION OF MOUS SIGNED FROM NOVEMBER 2016  
TILL 10<sup>TH</sup> DECEMBER 2017**

The following MoUs are ratified by the Board:

1. MoU with VISKATOONS, Australia to exchange know-how of training and education – 25-08-2016
2. MOU with GIT INDIA BANGLORE- 21-09-2016
3. MOU with NATIONAL SMALL INDUSTRIES CORPORATION, NEW DELHI - 15.12.2016
4. MoU with NSDC for setting up Livelihood Business Incubation (LBI) – 15-12-2016
5. MoU with AP Govt.
6. MoU with RAMADEVI WOMENS' UNIVERSITY, BBSR - 23-12-2016
7. MoU with ODISHA SCHEDULED CASTE & SCHEDULED TRIBE DEVELOPMENT FINANCE CO-OPERATIVE CORPORATION LTD. (OSFDC) - 12-01- 2017
8. MOU WITH IDEA, VSKP - 10-03-2017
9. MoU with DEAKIN UNIVERSITY AND WDHC (Australia) – 23-03- 2017
10. MoU with NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU)- 28-03- 2017
11. MoU with GUJARAT FORENSIC SCIENCES UNIVERSITY, GUJARAT-29-04-2017
12. MoU with ILLUMINE KNOWLEDGE RESOURCES PVT. LTD.-02-06-2017
13. MoU with UNIVERSITY OF WESTERN AUSTRALIA – 27-06- 2017
14. MoU with HAMARA BACHPAN TRUST, Bhubaneswar, Odisha – 25-07- 2017
15. MoU with Apparition Pvt. Ltd. - 29.07.2017
16. MoU with UNITY TECHNOLOGIES APS-28-08-2017
17. MoU with DEDICATED AGRI SERVICES PRIVATE LIMITED, MUMBAI - 14-09-17
18. MoU with MOTO CORP., MADHYA PRADESH -26-09-2017
19. MoU with NATIONAL SKILL DEVELOPMENT CORPORATION, New Delhi – 17-10- 2017
20. MoU with A1 Fidelity Service Pvt. Ltd., New Delhi -24.11.17
21. MoU with International Institute of Bengal & Himalayan Basins (IIBHB), Berkley, California – 1.12.2017
22. MoU with Nandankanan Biological Park, of Nandankanan Zoological Park, Barang, INDIA – 4.12.17

**9. RATIFICATION OF**

**A) FACULTY/STAFF APPOINTMENTS FROM 1<sup>ST</sup> JULY 2016 TO 30<sup>TH</sup> JUNE 2017**

The Governing Board approved the appointments of Faculty/Staff during 1st July 2016 to 30th June 2017.

The required faculty strength for 2017-18 AY is 260 as per the students intake.

The faculty strength after recruitment for the year is 259.

## **B) STUDENTS INTAKE STRENGTH AND ENROLLED STRENGTH FOR 2017-18 AY**

The Vice Chancellor presented the student intake strength and the enrolled strength for approval by Board members.

The same was approved by the members of the Board.

Students Strength	Under graduate	Post Graduate	Diploma
Intake seats	1159	455	400
Enrolled strength	1107	400	382

## **C) ACADEMIC & EXAMINATION RELATED ISSUES**

The Vice Chancellor presented the following to the Board members

1. At Centurion University, we believe, education cannot be one time affair; and skill and knowledge cannot be put in isolated compartments. We are on the path of imparting education that is inclusive, continuous and lifelong; with integration of knowledge and skill at all levels. Our empanelment under National Employment Enhancement Mission (NEEM) and approval of the status of Skill University by the Government of Odisha through a rigorous 16 point process (Gazette notification 30<sup>th</sup> August 2017) increase our resolve in the above direction.
2. Skill integrated education is offered as per National Skill Qualification Framework (NSQF) for Diploma, Degree and Post-graduate programs of various Schools. In case of gap in pre-required education for a particular skill development program, curriculum of National Institute of Open Schooling (NIOS) is used to bring the students up to appropriate educational level required for that skill.
3. About 40% of total Credit load is domain specific skill courses taught in inside the industry/Workshop/Laboratory. Balance is taught in practice mode. The course design, delivery and assessment is done with the support of professionals from domain specific industry partners

4. Learning records are maintained by students for traceability of learning. Live Projects (sponsored by industry and University) of practical value to industry and community have been made mandatory. Domain specific industry partners have their presence in the University campus in different forms (Industry owned workshops and training centers; Dedicated industry scale workshops and centres that is involved in production as per the industry demand). Some of the domains covered by engineering include: Distribution transformer, Industrial Automation, Transmission and Distribution system O&M, Communication system, Embedded systems, VLSI, Automotive Product Design, Refrigeration and Airconditioning, Software technology, Data Analytics, Construction planning and management, Geospatial Technology, Solar and bioenergy, Automobile design and maintenance, Conventional machine and CNC, Welding and Inspection, AR, VR and Gaming.
  
5. A combination of NIOS, RPL (Recognition of Prior Learning) and work integrated degree program are in operation in collaboration with industry partners CCD for BBA (R&H) and GTIDS for BBA (F&FI). Work integrated degree program is being offered in collaboration with industry partner (ICA) for BBA (F&A). Work integrated master program (MBA in Development Management) is also being offered in collaboration with a group of Civil Society Organisations and Social Enterprises. The University is active in demand production (workshops are registered with DIC and other appropriate authorities) and joint skill development programs with more than 45 companies. These include
  - Automotive Sector with Ashok Leyland, Hyundai, Volvo, Eicher, Yamha, BEML
  - Manufacturing Sector with Eicher, Godrej Appliances, Godrej Interior, Schneider Electric
  - Apparel and Textile Sector with Arvind, Kannapiran, GAP PACE, Raymonds
  - Services sector with Aegis, CCD, Four Fountains, Uber, SELCO
  
1. The University is engaged with context specific and action research in partnership with the Industry and community. These include Clean energy system in villages, Decentralised electricity supply in villages, Clean drinking water supply, Agriprocessing, Organic farming, Biofertiliser and biopesticide production, sustainable livelihood security models in on-farm, off-farm and non-farm sectors, micro and nano entrepreneurship development in rural and urban slums, etc.
  
2. The University is actively involved in Entrepreneurship and Enterprise development in areas such as Skill development and Employability enhancement, Skill assessment, Financial Inclusion, Agri-food processing, Testing services,

Apparel manufacturing, Last-mile Supply Chain, Urban micro-business facilitation services, E-Rickshaw, Composting Unit, Organic Research Farm, Mushroom unit, Hydroponics Laboratory, Bio fertilizer Unit, Mini Dairy unit, Bakery unit, Plant Tissue Culture Laboratory, Livestock unit, Seed Processing Unit, Renewable energy product development, Transformer repair services, Handmade paper production, Wood engineering, Bread making, Snacks, Coffee powder, etc.

3. Faculty development is continuously undertaken through Industry immersion, Co-delivery of courses (with industry experts), Skill certification from SSCs, Participation in world skill competition, Teaching Record and Learning Record for traceability.
4. Teaching and learning effectiveness is being improved through Skill courses in different domains, Internship and Context specific projects. Cohabitation, co-learning and competition of students from different levels and programs are resorted to through increased diversity, improved pace of learning, enhanced self-esteem and increased empathy towards differently abled and excluded.
5. During the year, four new schools such as School of Forensic Sciences, School of Education, School of Open and Distance Education and School of Mining have been started.
6. In 2017, the University launched new courses, such as M.Sc.Ag in Agronomy, Agricultural Extension and communication, Horticulture (Vegetable science), Molecular Biology and Biotechnology, Genetics and Plant Breeding; and B. Sc. (Fisheries Science).
7. The domain based teaching in different disciplines has been further strengthened with deeper and wider industry partnerships. The students and faculty learn the linkage of Teaching, Training, Production and Productivity by practicing it in the University through their Lived in Experience.
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- “Student Teacher Domain” where students will teach courses to their juniors and to those having back paper. The process is expected to give interested students a platform to experience teaching and motivation for a career in teaching.
10. Through ‘Suryamitra Skill Development Programme’ and ‘Clean Energy Entrepreneurship Development Program’, the Centre for Renewable Energy and Environment could develop more than 150 skilled work force and 10 Clean Energy Entrepreneurs in the state of Odisha for exploiting solar energy in partnership with Ministry of Nonconventional and Renewable Energy, Government of India, Odisha Renewable Energy Development Agency, SELCO Foundation, Schneider Electric and Harsha Trust.
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  15. The University has adopted a concept of ‘Adarsh Gram’ to promote sustainable livelihood security and quality of life of village communities around its campuses. While the concerned community remains the prime mover in realizing such an objective, the University plays a facilitator’s role. Key members of the University community, i.e. students, faculty and staff remain actively engaged in system design, execution, monitoring and evaluation. Each activity under the project is integrated into the teaching and training programs that the University offers. The neighboring villages play the role of field schools for experiment and application of various concepts and processes. The interventions in the villages will meet the

requirements of United Nations Sustainable Development Goals (SDGs). Patikota village near Paralakhemundi campus is the pilot case in implementation of six dimensions of development such as Education, Health, Livelihood, Natural Resources, Infrastructure and Governance.

16. Two groups of students from Australia First Nation (aborigines) visited Centurion University in October and November and got engaged in classroom training, action learning labs, social enterprises and cultural excursions. This visit was the result of the collaboration between Centurion University, Wadeye Northern Territory and TAFE New South Wales and supported by the Australian Government through their Outward Bound Mobility Programme.

#### **D) APPROVAL OF LIST OF DEGREE RECIPIENTS FOR CONVOCATION 2017**

The Director (QA&E) presented the list of degree recipients who will be awarded degrees during the convocation on 11<sup>th</sup> Dec 2017. The Governing Board approved the same. The mix of degree recipients is as below.

<b>SL. No</b>	<b>Program</b>	<b>Batch</b>	<b>Total No. of degree recipients</b>
1	PhD.	Admission Batch 2011-12	10
		2012-13	13
		2014-15	2
2	M. Tech.	2015-17	29
3	MBA	2015-17	45
4	MDM	2015-17	10
5	M. Sc.	2015-17	64
6	B. Tech	2013-17	554
7	B. Tech (Ag)	2013-17	6
8	B. Sc	2014-17	159
9	B. SC. (Ag)	2013-17	237
10	Diploma	2014-17	201
11	Diploma (Ag)	2015-17	11
12	CMLT	2016-17	2
		<b>Total</b>	<b>1343</b>

The Annual report on examination (2016-17 AY) was presented by Director, Quality Assurance & Examinations and same was approved by the Board.



## **E) APPROVAL OF GOLD MEDAL LIST FOR THE YEAR 2017**

The Director (QA&E) presented the list of Gold Medalists who will be awarded medals during the convocation on 11<sup>th</sup> December 2018. The Governing Board approved the same. The mix of medal recipients is as below.

Total 16 Gold medalists for the year 2017

- MBA-1 No.
- M.Tech.-1 No.
- B.Tech.-6 Nos.
- Diploma – 1 No.
- B.Sc. – 4 No.
- B. Sc. Ag – 1 No.
- M.Sc. – 2 No.

## **F) FINANCIAL PLAN & THE BUDGET FOR THE ACADEMIC YEAR 2017-18**

The CFO presented the financial plan and the budget for the academic year 2017-18. The Governing Board approved the same.

## **G) ANY OTHER POINT WITH THE PERMISSION OF THE CHAIR**

- Vice Chancellor presented the Policy for Promotion of Research to the Board Members. The members of the Board approved the same. The policy has been implemented from May 2017 onwards.
- The Seed Money Policy was presented by Vice Chancellor and same was approved by the Board. The Seed Money fund will be announced soon by Director Research.
- Vice Chancellor Consultancy Policy was presented and discussed with the members. This would be implemented from May 2017.
- The revised Code of Ethics for Research (August 2017) was presented by Vice Chancellor for approval of the Board members. The same was approved by the Board members and would be followed henceforth.
- The Admission Policy for the year 2017, the Scholarship Policy 2017, the Reservation Policy 2017, the E-governance report were presented by the Vice Chancellor for approval by the members of the Board Members.

The same were approved by the Board Members.

- Vice Chancellor discussed the newly drafted **Green Policy of the University**. The same would be finalised with suggested and would be implemented immediately.

- The President informed the members that the campus would go for Energy conservation with Solar based installations for power saving.

Since there were no other points for discussion, the meeting ended with a vote of thanks to the Chair.

*Anita Patra*

**REGISTRAR**

(CUTM, Paralakhemundi)