



## Annexure I

### **MINUTES OF THE GOVERNING BOARD OF THE CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA HELD ON OCTOBER 1, 2020 THROUGH ONLINE MODE**

The Following members were present.

1. Prof. Mukti Kanta Mishra, President, CUTM	Chairman
2. Prof. D N Rao, Vice President, CUTM	Member
3. Prof. Supriya Pattanayak, Vice Chancellor, CUTM	Member
4. Prof. Omkar Nath Mohanty	Member
5. Dr. Mohan Kanda, IAS (Retd.)	Member
6. Prof. Sudhakar Panda	Member
7. Dr. Mary Bage	Member
8. Shri P.N.S.V Narasimham	Member
9. Shri Aditya Sapru	Member
10. Dr. D. P. Pattanayak	Member
11. Dr. Radhakant Padhi, Provost	Invitee
12. Mr. Vineet Chhatwal, CEO	Invitee
13. Prof. P. K. Mohanty, Dean Academic	Invitee
14. Prof. Jyoti Sayantani, Director QA & Examination	Invitee
15. Shri Himansu Sekhar Kabi, CFO	Invitee
16. Prof. Anita Patra, Registrar	Member Secretary

Apologies from:

1. Shri Saswat Kumar Mishra, IAS, Commissioner cum Secretary Member
2. Prof. C. R. Rao, Emeritus Professor Member
3. The State Government has not nominated the local MLAs (MLA Mohana and MLA Khorda) to the Board of Governors this year.

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 December 05 2019
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 2019-20

5. Income & Expenditure – An Overview
6. Approval of the Academic matters: Course structure and syllabi
7. Approval of Academic Matters: New Programs
8. Ratification of MOUs signed with (December 2019 to September 2020)
9. Ratification of
  - a) all Appointments of Faculty/Staff during 1st July 2019 to 30th June 2020
  - b) Students intake strength and enrolled strength for 2020-2021 AY.
10. Approval of List of Degree Recipients for Convocation 2020
11. Approval of Gold Medal recipients and Merit List for the year 2020
12. 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.

- 1.1 The 7<sup>th</sup> Convocation of the University will be held in virtual mode and Hon'ble Governor Prof. Ganeshi Lal would preside over it. It will held on 5<sup>th</sup> Dec 2020.
- 1.2 University has been given the status of Skill university and the university is a certifying body pan India. National Employability Enhancement Mission (NEEM) and the Assessment cell has been able to bring in revenue for the university. There is enormous scope to work with the state governments across the country. This also helps in increasing the employability of Assessors.

### **Suggestions by Board Members**

The University had gone for the online examinations for the end semester examination due to the global pandemic situation. Hence, the examination pattern needs to work upon a system that will ensure that students will be assessed better.

Active MoUs and the activities against each MoUs to be discussed in coming meetings.

The Articulation committee to prudently use the policy of Multiple entry and multiple Exit policy of NEP.

University may start the Best Innovation Awards and Best Teacher awards for faculty members.

The Research Promotion policy which is already there for the University will have to incorporate all the requirements of the Research Centers.

## **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 2019-20**

The Vice Chancellor presented the Activities of the University for the Academic year 2019-20 with following highlights.

**3.1 Top Lines**

- i. During the COVID 19 Pandemic, working closely with the Government of Odisha, Centurion University provided premises in Paralakhemundi to operate a COVID Hospital. Further it provided its residences for the accommodation of medical staff. Premises were also provided for setting up returnee quarantine centers.
- ii. A week following the first lockdown, the University moved to online delivery of its programs on the impartus platform, conducted online exams on the co-cubes platform and now the online convocation.
- iii. All the online teaching material was quickly placed on an online courseware (courseware.cutm.ac.in) which is a highly commendable effort by the faculty to ensure the availability of the same to all students.
- iv. A new agenda for the University called the 'Winds of Change' clearly set out the future direction of the University. Embracing digital was identified as the way forward. There was also a decision to focus on R&D – products, patents, publications, consulting/ projects and securing grants.
- v. Our faculty along with industry partners is developing its own LMS and examination system based on open source platforms such as Sakai and Big Blue Button. This will not only help us to further enhance our capabilities but also create a national resource that can be offered to other HEIs as well.

### **3.2 Recognitions**

- i. Centurion University became a member of the Global Alliance of Disaster Research Institutes (GADRI).
- ii. Centurion University was awarded with Education Excellence 2020.

### **3.3 Appointments**

- i. The University has appointed Professor R.K.Padhi of Indian Institute of Science as Honorary Provost
- ii. Dr. Jharna Majumdar (AI and ML) and Dr. Sekhar Majumdar (Computational Mathematics/ CFD) have been appointed as Distinguished Professors of Eminence

### **3.4 Courses Offered**

- i. The University offers 72 Certificate, 26 Advanced Certificate, 14 Diploma courses 69 under-graduate and 54 post-graduate and doctoral programs through different Schools, located in four constituent campuses across Odisha, at Paralakhemundi, Bhubaneswar, Rayagada, and Bolangir with a student strength of 5569 as on September 2020 (this excludes new intake as admission is continuing).
- ii. For the 2020-21 academic session, the University launched the following new courses:
  - Bachelor in Aviation (with partner GATI) (as a specialization of Mechanical.
  - MBA in Rural and Urban Development Management (with partner COSA)

Further, with the approval from Paramedics Board, Govt of Odisha, the following undergraduate and certificate programs have been launched:

BSc in Anesthesia Technology  
BSc Emergency Medical Technology  
BSc Operation Theatre Technology  
Certified Ophthalmic Surgical Assistance  
Certified OT Technician  
Certified Dialysis Technician  
Certified ECG Technician  
Certified Ward Technician  
Certified EMG Technician  
Certified Blood Collection Technician

The choice of domain specialisations offered to students have also been expanded:

**Business Analytics**

- Communication
- Systems Cyber Security

**Data Analytics – Visualization**

- Gaming and Immersive Learning (AR, VR)
- Embedded System Design
- Software Technology
- Cloud Technology
- Agri Business Management
- Commodity and Food Storage

**Composite Design and Manufacturing**

- Construction Planning and Project Management
- Food Processing
- Protected Horticulture
- Smart Agriculture
- Aerial Surveying and Remote Sensing Applications
- Automobile Engineering
- Architectural and Structural Design
- Business Analytics

**Computational Fluid Dynamics**

- Chip Design and Fabrication using VLSI
- Dairy Processing and Development
- Genetic Engineering and Genomics
- Data Science and Machine Learning
- Industrial Automation
- Manufacturing (Conventional, CNC and Additive)
- Intensive Aquaculture
- Organic Farming
- Nutraceuticals
- Operation and Maintenance of Electrical Grid System and Transformers
- Renewable Energy Applications

**Smart Farm Machinery**

- Soil and Water Conservation through Watersheds
- Welding and Inspection

**Go-To-Market Product Development**

**Financial Institutions, markets and Services**

### **3.5 Teaching and Quality Assurance**

- i. Choice Based Credit System (CBCS) consolidated in engineering and applied science, and introduced in Diploma programs.
- ii. The University, in its attempt at mainstreaming digital technologies, has adopted MOOCs, immersive technologies, virtual labs as well as upgrades to our learning management systems.
- iii. Online learning/ lab records for students are maintained for better learning and its traceability.
- iv. Student specific action plans for timely graduation and realization of career objective are used as tools for mentoring by the faculty.
- v. The University conducts about 151 regular semester examinations for 37 programs in a year in which approximately 80166 answer-books are evaluated for 1527 subjects.
- vi. In addition, 2 Examinations on Demand (EOD) for 1387 subjects were conducted where students had a choice to register backlogs they wanted to clear.
- vii. The University conducted online specialized Faculty Development Programs each day since the lockdown, such as 3D manufacturing, Machine Learning, Artificial Intelligence, Block Chain Technology, Ocular Oncology, Gene Analysis Techniques, etc
- viii. The University has introduced a new platform, Myperfectice, for training and placement. The curriculum has incorporated a mandatory job readiness program.

### **3.6 Research, Consulting and Outreach**

#### *i. Entrepreneurship Development*

The Center for Innovation and Entrepreneurship has promoted 25 startups in the MSME platform of the Government of Odisha. These include Centurion Fab (Metallic Utilities: Table, Chair, Almirah, Bed, Desk, Grill etc.) Centurion Woodworks (Wooden products and modular accessories), Gram Tarang Garments (Uniforms, Customized Bag, T Shirts with Screen/ Embroidered Printing), Centurion Transformers (Manufacturing and repairing of electrical transformers of different power and size, providing training on transformer repairing and manufacturing, providing consultancy services on manufacturing and maintenance of different types of transformers) to name a few.

Gram Tarang Foods is in the process of securing the first order of 5kgs of CO2 extracted turmeric oil from Robertet which is a feather in its cap.

ii. *Innovation Agriculture Project*

Innovation Agriculture Project funded by National Skill Development Corporation continues. Centurion University is working in 12 LWE districts of Tribal dominated South Odisha and North coastal Andhra Pradesh through 12 training centers. This project is implemented in collaboration with Non-Government Organizations like Harsha Trust and SACAL in Odisha and BREDS in Andhra Pradesh. As on November 2019, Centurion has trained 3918 farmers and 180 Community Resource Persons and has facilitated the enhancement of their incomes.

iii. *Project Atal*

This project aims to develop a scalable, sustainable training-cum-production model that creates social infrastructure and leverages technology as well as market intelligence to equip farmers with locally relevant knowledge and skills resulting in enhancement of their income. In short, the project envisions doubling farmer's income by training and certification of 100,000 small and marginal farmers (of which 70,000 have been completed across 27 districts) through specially developed 200 local Krishi Udyog Sahayaks (KUS) in 200 blocks of Odisha. 75 Recognition of Prior Learning (RPL) camps will become semi-permanent training cum production centres. 9 Farmer experience zones are being setup in Pradhan Mantri Kaushal Kendras (PMKKs). Producer groups are being created among farmers and Last Mile Distribution Company (LMDC) has been set up to provide market linkage. The project has also the mandate to assess and certify the faculty and students of the School of Agriculture by the Agriculture Sector Skill Council of India (ASCI).

iv. *Andhra Pradesh Agri RPL Project*

Centurion University and Gram Tarang have signed MoU with Society for Employment Generation and Enterprise Development in Andhra Pradesh (SEEDAP) for training of 3000 farmers in Srikakulam, Vizianagaram and Visakhapatnam districts of Andhra Pradesh on three job roles: Cashew Cutter, Coffee Cutter and Millet Cutter.

vi. *Collaborative Research with Himalaya Drugs*

The School of Agriculture successfully completed the Pilot and Commercial plant projects including germination studies for medicinal weed crops. From this research initiative emerged the B.Tech in Phytopharmaceutical and Himalaya Drugs is on the Advisory Board

vii. *Initiatives in the Area of Energy*

Through 'Suryamitra Skill Development Programme' and 'Clean Energy Entrepreneurship Development Program', the Centre for Renewable Energy and

Environment has developed more than 620 skilled work force and 30 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. In 2019, the Centre has installed more than 250 solar street lights within the campus to reduce carbon footprints. It is working towards Bio CNG production from kitchen waste.

The University, in its endeavor to skill development in power sector, has started with repair of distribution transformers of various electricity utility companies in its workshops. In 2019, it has started manufacturing and executing the order for 200 numbers of 11 kV/0.4 kV-Distribution Transformers up to 500 KVA capacity in its workshop. This has been integrated to the course curriculum. The students actively participate, gain hands-on knowledge and are evaluated by the Industry-experts before qualifying for the degree. This helps in developing a cadre of skilled manpower for preventive maintenance of transformers in rural area, with the ultimate aim of increasing electric power availability. In addition, the Centre is facilitating erection of grid interactive solar power plant of half a Megawatt capacity each in its Bhubaneswar and Paralakhemundi campuses.

- viii. The University focus on research that has social impact and is SDG aligned has led to the creation of 26 Research and Application Centers. They are:
- Computational Mathematics,
  - Communication Technologies,
  - Center for Smart Infrastructure,
  - Center for Manufacturing,
  - Center for Fintech,
  - Center for Drug Design and Delivery,
  - Center for Phyto Pharma,
  - Center for Smart Agriculture and Allied Sector,
  - Center for Innovation and Entrepreneurship,
  - Center for Agriculture Production,
  - Center for Data Sciences,
  - AI and Robotics,
  - Center for Bioelectronics,
  - Center for Chip Making,
  - Center for e-mobility solutions,
  - Center for Space and Earth Sciences,
  - Center for New Material Applications,
  - Center for Lasers,
  - Center for Genetics and Genomics,
  - Center for Governance and Sustainable Societies,
  - Center for Medical Diagnostics,
  - Center for Waste to Wealth Management,
  - Center for Digital Manufacturing,



Center for Ed-Tech and Skills Tech  
and Center for 3DS Applications.

- ix. The University faculty under the leadership of Dean School of Applied Sciences and in some instances with industry partners, has undertaken the following initiatives related to product development:

Hyperspectral image analysis to detect brown plant hopper attack to rice plants at an early stage

Hyperspectral image analysis to detect moisture level in soil to control irrigation (Sun Moksha)

Analysis of Nitrogen content in rice leaves by image analysis

Analysis of chlorophyll content in leaves by image analysis. This technique will be applied to determine chlorophyll content distribution in a rice field.

Microgravity 3D printer using FDM technology (for submission to ISRO)

Phenotyping of plants based on RGB analysis and 3D printed strain sensor (Submitted to BIRAC-BIG)

Technology for ornamental aquaculture (Project submitted)

Controlled fertigation system based on AI based requirement of water, fertilizer and pesticide (UK-Karnataka initiative)

Prototype for aflatoxin detection kit

Electrochemical synthesis of graphene

Fire proof coating

Liquid-liquid extraction column for isolation of phytochemicals

Chromatography column for isolation of phytochemicals

Repaired spray drier and vacuum drier

Developing a heating system at GTF to prevent clogging of pipeline by sticky phytoextracts.

Application of Biovia Discovery studio, Materials Studio and Pipeline pilot in simulations

- x. *Patents and Publications*

In 2019-20, 21 patents have been published and 3 copyrights from its research. Further, 3 patents and 3 design applications are in the pipeline, 2 copyrights are also under consideration.

In 2019-20, 52 students have registered in doctoral program. This year 8 candidates have been awarded PhD. Further, the University is awarding its second Honorary Doctorate to Dr. Somnath Sreedhara Panicker, Director Vikram Sarabhai Space Center, in the field of Space Science.

In 2019-20, the faculty of the University had 2093 publications in indexed national and international journals.

*xi. Community Outreach*

The University has adopted a concept of 'Adarsh Gram' to promote sustainable livelihood security and quality of life of village communities around its campuses. 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.

Under Unnat Bharat Abhiyan of the Ministry of Human Resource Development, Government of India, the University adopted 5 villages such as Barlanda, Badigam, Routpur, Jhampiguda and Engersingh in the Gajapati district.

#### **4.6 Collaboration**

Students and faculty from many foreign Universities and Institutions undertake teaching, training and research programs at the Centurion University. Students from the universities and institutes of Australia, Norway, University of California, Santa Cruz, USA and other countries regularly visit Centurion University as a part of their academic programs.

Centurion University's linkage with its Alumni Association has been further strengthened by closely integrating it with the curriculum development, class room teaching, student internship and placement support.

In 2019-20, MOU has been signed with Skyline University, Ethiopia

#### **4.7 Conferences and Seminars**

During the year, a number of workshops and conferences were organised by the University.

Some of these include

At the Paralakhemundi Campus:

4th International Conference on "Management, Sciences, Engineering and Applications" (ICMSEA-2019) was organized by Centurion University, Odisha at Paralakhemundi Campus in December 2019.

A Colloquium on Nano-Science was organized by Department of Chemistry, School of Applied Sciences in December 2019.

At the Bhubaneswar Campus:

Computer Science Engineering Department organized workshop on Web Services Using Advanced JAVA delivered by the Industry Consultant on December 2019.

School of Forensic Sciences and School of Pharmacy and Life Sciences organized National Seminar on Recent Advances and Challenges in Forensic Crime Investigation in December 2019.

Department of Physics organized a National conference on Nanotechnology for Smart Materials in July 2020.

School of Management organized a seminar on Marketing Strategies in the Digital Era in February 2020.

School of Management organized a seminar on Challenges and Opportunities for Entrepreneurs in the new normal during and Post Pandemic in September 2020.

Department of Botany organized a National Conference on Biotechnological Approach towards Crop Improvement in July 2020.

Department of Zoology organized a seminar in DNA Profiling in January 2020.

Department of Zoology organized a National Virtual Conference on Challenges and Opportunities in Applied Zoology in August 2020.

#### **4.8 Extra-Curricular Activities**

Students, faculty and staff organised Independence Day, visit to Adrut Children's Home, Blood Donation Camp, Engineers' Day, Yoga Day, Kindness Day, Street Play & Flash Mob, Gandhi Jayanti, Ganesh Puja, Health Check-up Camp, visit to Madhur Mayee Adarsh Siksha Niketan, Nukkad Natak, Raksha Bandhan, National Sports Day, Teachers' Day, Viswakarma Puja, Eco-Craft Workshop, Sustainable Enterprise Award, Run for Unity, Debate Competition for District Vigilance Awareness Week, Function to Bring Smile on Someone's Face this Diwali, National Education Day and Awareness Camp on World Diabetics Day in 2019. The University conducted the Youth Parliament for the first time in 2018-19.

#### **4.9 Placement**

5 Despite being a pandemic year, Centurion University has done relatively well in placement in 2019-20. We have crossed over a 1000 offers.

Between 20%-75% of eligible students of different Schools were placed successfully, a number of them opting for higher education.

Key recruiters include

- Jaro Education, Byjus, Swiggy, Tata Trent and Kotak Bank for Management
- Dassault Systemes, Photon Infotech, Aditya Birla Ultratech Cement and Mindfire for School of Engineering and Technology
- Asahi Glass India, Biocrux, RSB Global, Tata Projects for Social and Vocational Education and Technology

- Syngenta Foundation, Harsha Trust, BAIF, DCM Sriram Bioseeds for School of Agriculture

## **5. OVERVIEW OF INCOME AND EXPENDITURE FOR THE YEAR 2019-20**

The CFO gave an overview of income and expenditure of the University for the financial year 2019-20.

## **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 2020-21, 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 and requested for approval of programs/ courses/ domains/ subjects/ curriculum from the School of Management, School of Engineering and Technology, School of Vocational Education and Training and School of Paramedics and Allied Health Sciences.

The Governing Body approved the following programs/ courses/ domains/ subjects/ curriculum.

### **(A) Changes/ Modifications in syllabus**

- I. B. Tech (CSE, ECE, EEE, Civil, Mechanical, Aerospace, Mining)
- II. 2. B. Tech (Ag. Engineering, Phytopharmaceuticals, Dairy Technology)
- III. Diploma in (Electrical, Mechanical, Mining, Civil and CSE)
- IV. BSc. Ag Hons 5. B.Sc. (Physics, Chemistry, Mathematics, Botany, Zoology, )
- V. M.Sc. (Physics, Chemistry, Mathematics, Botany, Zoology)
- VI. BCA
- VII. MBA, MBA Development Management, MBA Agribusiness Management,
- VIII. BBA (CBCS), B.Com. (CBCS)
- IX. BA (Media & Communication), MA (Media & Communication)

### **(B) New courses/ syllabus**

Value Added Courses

Skill Courses

**(C) Syllabus passed with no modification (same as the previous year syllabus) are as follows:**

MSc. Ag

B.Sc. Fisheries

**7. APPROVAL OF ACADEMIC MATTERS: NEW PROGRAMS AND COURSES FOR 2020-2**

The Dean, Academic Affairs, presented the new programs/courses for approval to the Board members. The following programmes/courses are proposed to offer online mode under various Research centres of the University with effect from 2021 academic session;

Diploma Courses: 14

Advanced Diploma: 27

Certificate Courses: 72

DMET Certificate courses: 09 under School of Paramedics & Allied Health Sciences

Diploma Courses:

1	Diploma in Nutraceuticals
2	Diploma in Additive Manufacturing
3	Diploma in Manufacturing (Conventional, CNC and Additive)
4	Diploma in Cloud Technology
5	Diploma in Dairy Processing and Development
6	Diploma in Operation and Maintenance of Electrical Grid System & Transformers
7	Diploma in Industrial Automation
8	Diploma in GO-TO-MARKET(3D Experience)
9	Diploma in Automobile Engineering
10	Diploma in Organic Farming
11	Diploma in Seed Production using Manual and Molecular Methods
12	Diploma in Smart Agriculture

13	Diploma in Protected Horticulture
14	Diploma in Welding and Inspection

Advanced Diploma:

1	Diploma in Nutraceuticals
2	Diploma in Additive Manufacturing
3	Diploma in Manufacturing (Conventional, CNC and Additive)
4	Diploma in Cloud Technology
5	Diploma in Dairy Processing and Development
6	Diploma in Operation and Maintenance of Electrical Grid System & Transformers
7	Diploma in Industrial Automation
8	Diploma in GO-TO-MARKET(3D Experience)
9	Diploma in Automobile Engineering
10	Diploma in Organic Farming
11	Diploma in Seed Production using Manual and Molecular Methods
12	Diploma in Smart Agriculture
13	Diploma in Protected Horticulture
14	Diploma in Welding and Inspection
15	Advanced Certificate in CNC Operation and Programming
16	Advanced Certificate in Welding Inspector
17	Advanced Certificate in Automotive Service Technician
18	Advanced Certificate in Supervisor (CAD/CAM)
19	Advanced Certificate in Associate Welding Inspector
20	Advanced Certificate in Automotive Supervisor
21	Advanced Certificate in Draughtsman
22	Advanced Certificate in Store Keeper
23	Advanced Certificate in Assistant Surveyor
24	Advanced Certificate in Supervisor (Construction)
25	Advanced Certificate in HEMM Mechanic
26	Advanced Certificate in Mining Surveyor
27	Advanced Certificate in Mechatronics-in-Charge

## CERTIFICATE COURSES

1	Certificate in Apparel Production & Marketing
2	Certificate in Light Motor Vehicle Driving
3	Certificate in Fork Lift Operation
4	Certificate in Heavy Vehicle Technology
5	Certificate in Two Wheeler Service Technology
6	Certificate in Four Wheeler Service Technology
7	Certificate in E-Vehicle Assembly and Service Technology
8	Certificate in Introduction to Robotics
9	Certificate in CNC Machinist
10	Certificate in CNC Programming
11	Certificate in Design Supervising of Wooden and Modular Furniture
12	Certificate in 3D Modelling
13	Certificate in Precast Concrete Manufacturing
14	Certificate in Fabrication
15	Certificate in Hi-Tech Surveying
16	Certificate in Internet of Things
17	Certificate in Mechatronics System Design
18	Certificate in Drug Design using Biovia
19	Certificate in Introduction to Nanotechnology
20	Certificate in Camera Operation
21	Certificate in Editor
22	Certificate in Digital Publishing
23	Certificate in 3D Game Art
24	Certificate in Emergency Medical Technicology
25	Certificate in Medical Lab Technology
26	Certificate in Radiology Technology
27	Certificate in Phlebotomy Technology
28	Certificate in General Duty Assistance Service
29	Certificate in X- ray Technology
30	Certificate in Retail Sales
31	Certificate in Phytotpharma
32	Certificate in Gym Fitness
33	Certificate in Swimming
34	Certificate in Beauty Therapy

35	Certificate in Solar PV Installation
36	Certificate in Solar Lighting Technology
37	Certificate in Gardening
38	Certificate in Microgrid Design and Implementation
39	Certificate in Solar Driven Equipment Assembly
40	Certificate in Solar Thermal Engineering
41	Certificate in Introduction to Highperformace Computing
42	Certificate in Organic Farming
43	Certificate in Mushroom Farming
44	Certificate in Hydroponics Technology
45	Certificate in Poultry Farming
46	Certificate in Dairy Farming
47	Certificate in Vermicomposting Farming
48	Certificate in Transformer Manufacturing, Repairing and Maintenance
49	Certificate in CCTV Installtion
50	Certificate in Electrical Installation
51	Certificate in Repair and Maintainance of Home Applianaces
52	Certificate in Refrigeration and air conditioning
53	Certificate in Super critical Co2 plant operation
54	Certificate in Seed Production - Paddy
55	Certificate in Paddy Processing and marketing
56	Certificate in Business Plan Preparation
57	Certificate in Dairy Plant operation
58	Certificate in Fruit Processing with Dryers
59	Certificate in Introduction to Composite Fabrication
60	Certificate in Powder Coating Practice
61	Certificate in Farm Appliances Operation
62	Certificate in Sewage Treatment Plant Operation
63	Certificate in Adobe Tools and Illustrations
64	Certificate in Bio fertilisers preparation
65	Certificate in Introduction to Block Chain Technology
66	Certificate in Digital Painting
67	Certificate in Introduction to Computational Biology
68	Certificate in Product Life Cycle Management through Gate process
69	Certificate in Spectral image processing using Python
70	Certificate in Additive Manufacturing



### Certificate Courses by SoPAHS approved by DMET

Certified Ophthalmic Surgical Assistance  
Certified OT Technician  
Certified Dialysis Technician  
Certified ECG Technician  
Certified Ward Technician  
Certified EMG Technician  
Certified Blood Collection Technician

### **8. RATIFICATION OF MOUS SIGNED FROM DECEMBER 2019 TO SEPTEMBER 2020**

The following MoUs were ratified by the Board.

1. MoU with Vasudhaika Software Pvt. Ltd., Bangalore – 12-12-2019
2. MoU with Centre For Sustainable Agriculture, Secunderabad – 31-01-2020
3. MoU with Shankaranarayana Life Sciences LLP, Bengaluru – 15-02-2020
4. MoU with Paygate India Private Limited – 09-03-2020
5. MoU with IFFCO Kisan Sanchar Limited (IFFCO KISAN), New Delhi – 21-05-2020
6. MoU with Skyline University Nigeria (SUN), Nigeria – 02-06-2020
7. MoU with Perfectice Eduventure Private Ltd. – 21-07-2020
8. MoU with UP Education & Iquery Australia – 23-07-2020
9. MoU with Wipro Enterprises (P) Limited – 30-07-2020
10. MoU with James Cook University, Singapore – 30-07-2020
11. MoU with Trilochan Netralaya , Budharaja, Sambalpur – 17-08-2020
12. MoU with SunMoksha Power Pvt. Ltd-18-08-2020
13. MoU with Mednutra Pvt. Ltd. – 20-08-2020

### **9. RATIFICATION OF**

#### **A) FACULTY/STAFF APPOINTMENTS (01-10-2019 to 31-10-2020)**

The Governing Board approved the appointments of Faculty/Staff during from 01-10-2019 to 31-10-2020

The sanctioned posts of the faculty as per the programmes (Old and new) as per the student strength was approved by the Board of Governors members.

Faculty positions filled is 332 against the sanctioned posts 335 was approved.

#### **A) STUDENTS INTAKE STRENGTH AND ENROLLED STRENGTH FOR 2020-21 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	1799	725	440
Enrolled strength	1550	655	421

#### 10. APPROVAL OF LIST OF DEGREE RECIPIENTS FOR CONVOCATION 2020

The Deputy Director (QA&E) presented the list of degree recipients who will be awarded degrees during the convocation on 5th Oct 2020. The Governing Board approved the same. The mix of degree recipients is as below.

Ser No	Programme	Batch	Total no. of Degree Recipients
1	Honorary PhD.		1
2	PhD.		8
3	M.Tech	2018-2020	32
4	M.Sc	2018-2020	424
5	M.Sc (Agriculture)	2018-2020	1
6	M.Sc (Applied & Clinical Microbiology)	2018-2020	17
7	M.Sc (Forensic Science)	2018-2020	21
8	M.Sc (Medical Laboratory Technology)	2018-2020	2
9	MA (Media & Communication)	2018-2020	2
10	MBA	2018-2020	23
11	MBA (Development Management/ Agribusiness Management)	2018-2020	3
12	B.Tech	2016-2020	530
13	B.Tech (Agriculture)	2016-2020	43
14	B.Pharmacy	2016-2020	53
15	B.Sc	2017-2020	214
16	B.Sc (Agriculture)	2016-2020	301
17	B.Sc (Optometry)	2016-2020	15
18	B.Sc (Clinical Microbiology)	2017-2020	6
19	B.Sc (Medical Radiation Technology)	2017-2020	11
20	B.Sc (Medical Laboratory Technology)	2017-2020	5
21	B.A (Media & Communication)	2017-2020	2
22	B.Com	2017-2020	3

23	BBA	2017-2020	42
24	BCA	2017-2020	12
25	Diploma	2017-2020	144
26	D. Pharmacy	2018-2020	114
<b>GRAND TOTAL</b>			<b>2029</b>

Director, Quality Assurance presented the Annual Report for Examination (2019-20 AY) to the Board members and the same was approved.

### **11. APPROVAL OF GOLD MEDAL LIST AND MERIT LIST FOR THE YEAR 2020**

The Director (QA&E) presented the list of Gold Medalists who will be awarded medals during the convocation on 5<sup>th</sup> Oct 2020. The Governing Board approved the same. The mix of medal recipients is as below.

- M. Sc - 1 No.
- B.Tech.- 2 Nos.
- B.Tech (Ag) – 1
- No. B.Sc. – 1 No.
- B. Sc. Ag – 1 No.
- B.Pharm - 1 No.
- Diploma – 1 No.
- D.Pharm – 1 No.

The Director (QA&E) presented the list of Merit Certificate Recipients for the year 2020. The Governing Board approved the same. The Merit Certificate recipients mix is as below.

- M. Sc - 7 Nos.
- M. Tech – 3 Nos.
- B. Tech.- 9 Nos.
- B.Tech (Ag) – 1
- No. B.Sc. – 8 Nos.
- B. Sc. Agriculture – 1 No.
- B. Sc Optometry – 1 No.

B. Sc (Radiology Imaging Technology) – 1 No.

BCA – 1 No.

B. Pharmacy – 1 No.

D. Pharmacy – 1 No.

Diploma – 5 Nos.

## APPRECIATION

The members of the Board of Governors appreciated the efforts of the Senior Management Team, Faculty and Staff for being able to quickly adapt to the pandemic situation and be able to move everything to online platform in very less time. Further, the university has been able to productively use the time for Faculty development, publications, patents, revising the syllabus, preparing the complete courseware etc.

The Board members mentioned that Centurion University is already ahead of the National Education Policy (NEP) announced recently by Education Minister. The Credit bank system, multiple entry and exit, constituent campuses concept are already a part of the university system. With new people like Dr. Radhakant Padhi, Dr. Jharana Majumdar, and collaborations with Dr. Chandrasekhar of Wipro 3D, the university will be able to work with rigor and focus on Research and product development.

Further, they complimented the promoters, as the University has been able to support the district administration in their fight against COVID 19

## 12. ANY OTHER POINT WITH THE PERMISSION OF THE CHAIR

- **The Vice Chancellor placed the following items for the discussion and approval of the Board.**
  1. The MBA (Development Management) was considered to be renamed as MBA (Rural and Urban Development Management).
  2. The End semester examinations for EVEN Semester for Academic year 2019-20 was held online due to pandemic situation. Some students have not attended the examinations and have opted for the offline mode. Hence, those students of 2020 pass out batch, who will appear for offline examinations (whenever University campus opens for students) would receive their degrees on successfully passing the examinations.

This was approved by the Board members.

3. In view of the pandemic, the delayed start, and due to equity concerns, the Academic year was extended to facilitate all students appearing the examinations.
  4. Examination related: As AICTE has revised the credit requirements for various programs, it was determined that instead of retaining students with backlogs in the system, they could be allowed to skip credits to meet the current requirements, and they could be allowed to graduate. Skip of core courses will not be allowed.
  5. Honorary Provost has announced faculty awards for their achievements. There are awards for students too. This is in addition to the other research incentives for the faculty.
  6. Education Social Responsibility to be highlighted in the university and its reports. All the academic and extension activities that we are doing in the villages and neighboring communities to be put together as ESR.
  7. The current pay scale to be gradually aligned with the seventh pay scale going forward. Working towards 100 percent PhD faculty should be aimed in coming year. Faculty to be encouraged to add to their CV and augment their earning through consultancy projects and grant funding.
- **Vice Chancellor discussed** the work of Research Centers and their future plans. The Board members suggested to have full time Research Scholars mapped to the RCs. That would strengthen the RCs.  
Vice Chancellor informed the members about the Faculty circular on Research Activities and Support of July 2020.  
Vice Chancellor informed about the revised Policy on Research Promotion in August 2020.
  - The Admission Policy for the year 2020, the Scholarship Policy 2020, the Reservation Policy 2020, 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.

Invitation for the 8th Convocation of the University was issued to the Members of the Governing Board.

The meeting ended with a vote of thanks to the Chair and members of the Governing Board.

*Anita Patra*

**REGISTRAR**  
(CUTM, Odisha)