



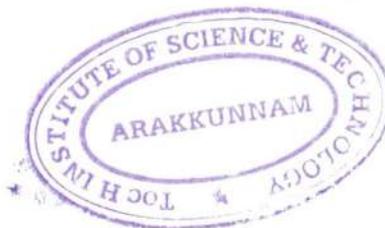
As per the guidelines of the KTU circular No. KTU/ASST6(ADMIN)/1902/2021 dated 31.07.2022 the Governing Body Committee was reconstituted with the following members. (Re-constitution of the Governing Body for the Academic year 2024-25):-

Sl.No	Name of the Governing Body Member	Mob. No	Signatures
1.	Er. C S Varghese.(President, Toc H Public School Society).	0484-2204658	
2.	Mr.Kurian Thomas,(Manager, Toc H Public School Society	9846036247	
3.	Mr.Madhu Cherian ,(Secretary, Toc H Public School Society).	9447812390	
4.	Mr. N.J .Johnson (Treasurer, Toc H Public School Society).	0484-2204658	
5.	Mr. George Thomas (Chairman of the Governing Body). (General Manager (PR & Admin), BPCL - Kochi Refinery.)	9447061775, 0484-2821400 thomasg@bharatpetroleum.in	
6.	Prof. (Dr.) P.G. Sankaran,(VC CUSAT.)	0484-2576370, pgsankaran@cusat.acin	
7.	Dr. A. Unnikrishnan (Associate Director at NPOL, DRDO, Retd.).	9446416148 unnikrishanan_a@live.com	
8.	Mr.Ramesh Nair, (CMD,APTIV Connection Systems, India)	9447774800, ramesh.nair@aptiv.com	
9.	Prof (Dr.) Preethi Thekkath, (Principal, TIST). (Governing Body Secretary)	8089055373, principal@tistcochin.edu.in	
10.	AICTE Nominee.		
11.	Syndicate Nominee.		
12.	Dr. Deepa Elizabeth George, (Vice-Principal,TIST) (HOD, Dept. of Electronics, TIST.)	9447820280, deepaeg@tistcochin.edu.in	
13.	. Dr. S Perumal Sankar, (PG Dean) (Professor, Department of Electronics, TIST.)	9486452204, spsankar2004@gmail.com	
14.	Dr. Georgina Binoy Joseph, (UG Dean) (Asso.Prof, Dept. of RA, TIST.)	9566110163, georgina@tistcochin.edu.in	

Dr. Preethi Thekkath, Principal

Principal

Toc H Institute of Science & Technology
Arakkunnam, Ernakulam Dist-682 313
Kerala



Civil Engineering
Computer Science & Engineering
Electronics & Communication Engineering
Mechanical Engineering
Safety & Fire Engineering

A Higher Education Institution under Toc H Public School Society

Regd. Office: Toc H Public School Society | Vyttila | Kochi | 682019

+91 484 2304468 | 2306951 | tochoolvyttila@gmail.com | tochool.com

"A meeting place of innovative minds"



Governing Body Meeting

22nd August 2024

Venue : Asoka Hall

Time: 10 am

Agenda of the Meeting

1. Introduction of all Governing Body Members.
2. Welcome by Er. C.S Varghese (President, Toc H Public School Society)
3. Special Address by Mr. Kurian Thomas (Manager, Toc H Public School Society)
4. Special Address by Mr. Madhu Cherian (Secretary, Toc H Public School Society)
5. Special Address by Mr. N.J Johnson (Treasurer, Toc H Public School Society)
6. Report by Prof (Dr) Preethi Thekkath (Principal, TIST)
7. Discussion on
 - How to take Toc H towards autonomy.
 - NAAC Accreditation
 - Industry in Campus
 - Industrial Collaborations and MOUs with premier institutes.
 - Funded Projects
 - Project works from LSGB(Local Self Government Body)
8. Any other matter of interest permitted by the Chairman.

Preethi
21/8/24
Prof (Dr.) Preethi Thekkath

Principal, TIST

Principal

Toc H Institute of Science & Technology
Arakkunnam, Ernakulam Dist-682 313
Kerala



Toc H Institute of Science and Technology

MINUTES

11th GOVERNING BODY MEETING

DATE: 22nd Aug 2024

Time: 10 am

Venue: Asoka Hall

11th GOVERNING BODY MEETING HELD ON 22nd Aug 2024

VENUE: ASOKA HALL

MEMBERS PRESENT

Sl.No	Governing Body Members
1.	Er.C.S Varghese (President, Toc H Public School Society).
2.	Mr. Kurian Thomas (Manager, Toc H Public School Society).
3.	Mr.Madhu Cherian (Secretary, Toc H Public School Society).
4.	Mr.N J.Johnson (Treasurer, Toc H Public School Society).
5.	Mr. George Thomas (Chairman of the Governing Body). General Manager (PR & Admin), BPCL - Kochi Refinery
6.	Prof. (Dr.) P.G. Sankaran, VC CUSAT
7.	Dr. A. Unnikrishnan (Associate Director at NPOL, DRDO, Retd.)
8.	Mr. Ramesh Nair, CMD, APTIV Connection Systems, India
9.	Prof (Dr.) Preethi Thekkath, (Principal, TIST). (Governing Body Secretary).
10	AICTE Nominee
11	Syndicate Nominee
12	Dr. Deepa Elizabeth George Vice Principal, TIST HOD, Dept. of Electronics, TIST
13	Dr. S PerumalSankar, PG Dean Professor, Department of Electronics, TIST
14	Dr. Georgina Binoy Joseph, UG Dean Asso.Prof, Dept. of RA, TIST

Leave of Absence:

1. Mr. N J Johnson, (Treasurer, Toc H Public School Society).

General Address

Commencement of the meeting was by invoking the blessings of Almighty God. A self-introduction of all the members present was made in the meeting. A one-minute silence was observed to pay respects to our late Founder Director Dr. Varghese, Late Director Mr .K K Mathew and Late Director Mr. K A Simon. Welcome speech was delivered by Er. C S Varghese (President, Toc H Public School Society). Special Address was made by Mr. Kurian Thomas (Manager, Toc H Public School Society) and Mr. Madhu Cherian (Secretary, Toc H Public School Society).

The Agenda items were taken up for discussion.

Item No GB 11 (01) Confirmation of the minutes of the previous meeting held on 21st August 2023

The copies of the minutes had been circulated to all members of the Governing Body and the Governing Body resolved to approve the minutes.

Item No GB 11 (02) Brief Report of the Principal of all academic and non academic activities of the college for 2023-24

Prof (Dr.) Preethi Thekkath (Principal, TIST) presented the report of all the academic and non-academic activities of the college for 2023-24.

Accreditations

The main highlights of the Report are as follows. TIST is an institute with NBA-accredited UG programmes and an ISO-certified institution with NAAC Accreditation for 5 years since 2019 and UGC 2 (f) status. TIST has received the NIRF Innovation Ranking -2023 and the institution is one among the four engineering colleges in Kerala to be ranked.

Fundings

TIST has received DIC research fundings worth Rs. 75 lakhs from KTU-CERD, RSM, Institution of Engineers (India), AICTE-RPS, UBA, Mulanthuruthy Panchayath, AICTE, KSCSTE, KSUM etc. in the last four years.

MOUs

Moreover, TIST has International Collaboration with various foreign universities including Odesa State Academy of Civil Engineering and Architecture, Ukraine, Universidad Catholica de Temuco (Chile) and Eleation, Kelaniya University, Sri Lanka, University of Technology and INT International University Malaysia, Velucilliste U Pozega, Croatia (ERASMUS+ Funding programme).

University Results

The aggregate UG results was 61% and aggregate PG results was 93% for the academic year (23-24).

Placement Statistics

B Tech Placements (2023-24)

The highest salary offered was Rs.11, 00,000. The highest salary secured was Rs 7, 50,000. The average salary offered was Rs 3, 00,000. A total of 60 % of the students were placed for the academic year 23-24.

MBA Placements (2023-24)

The highest salary offered was Rs.14, 00,000. The highest salary secured was Rs.7, 23,600. The average salary offered was Rs. 4, 50,272. A total of 77% of the students were placed for the academic year 23-24.

The major recruiters are Infosys, IBM, UST, TCS, Sutherland, Speridian, Capgemini, Wipro, Aspire, Open, IBS , Tech Mahindra, Federal Bank, ICICI Bank, Asian Paints, Berger, South Indian Bank, Naukri, PepsiCo, EY,Nestle, Aditya Birla Group, V-Guard ,Airtel, Reliance, ESAF, VI .

Item No GB 11 (03) How to take Toc H towards autonomy

The Governing Body unanimously agreed to proceed with the autonomy of the college. The Curriculum design, Admissions, Governance and Financial Management of going towards autonomy is to be focussed.

Item No GB 11 (04) NAAC Accreditation

The NAAC visit is scheduled on 11th and 12th September 2024. Criteria-wise preparation on ; Curriculum Aspects, Teaching Learning and Evaluation, Research, Consultancy and Extension, Infrastructure and Learning Resources , Student Support and Progression, Governance, Leadership and Management and Innovation and Best practices has been made. Institutional presentation and department wise presentation is prepared. Infrastructure and Facilities are monitored. Faculty and students are prepared for interactions with Naac peer team.

Item No GB 11 (05) Industry in Campus and Industrial Collaborations and MOUs with premier institutes

- Quantum Technology is an important area of Government focus. Quantum technology is a field of research and development that leverages the principles of quantum mechanics to create innovative technologies. Toc H can think of starting the Quantum Technology Funded projects and collaborate with good companies.
- Toc H should concentrate on internships and collaborations with industry in the area of Electric drives battery management. The electric drives battery management industry focuses on developing and improving technologies for managing battery performance, safety and lifespan in electric vehicles (EVs) and other applications. Collaborations in the area of battery management could be organised with IIT, Hyderabad.
- Compulsory internships for six months can be provided to Toc H students in collaboration with BPCL and FACT. Apprenticeship Courses are offered by BPCL (Bharat Petroleum Corporation Limited) and FACT (Fertilisers and Chemicals Travancore Limited (FACT)). Students of all branches of B. Tech can apply for this Apprenticeship/Internship programmes. Internships and Apprenticeships provide experiential learning opportunities to students that provide hands on work experience in a specific field or industry.

- One year internships, training programmes are offered by Service Cooperative Institute (SDI) Ettumanoor. Industrial collaborations with SDI and allowing students to participate in training and internship programmes could be organised by Toc H. SDI, Ettumanoor offers various training programmes like Information Technology, Electronics, Mechanical, Civil, Soft Skills and Vocational Training. The SDI aims to empower youth, promote entrepreneurship and support community development.
- Alternate Energy Project focussing on Bio waste and Non Bio-waste management with BPCL can be organised for Toc H students. This project involves developing innovative solutions to manage waste and generate energy. Bio-waste management covers areas like collection and segregation, composting, anaerobic digestion and gasification. Non bio waste management covers areas like recycling, waste –to – energy and landfill management. Energy generation covers areas like biogas generation, syngas generation and bio oil production.
- Hydrogen Projects in collaborations with companies can be administered for Toc H students. A Hydrogen project typically involve the production, storage, transportation and utilisation of hydrogen as a clean energy carrier. These Hydrogen projects equip the students for helping society with improved public health, enhanced energy access and increased energy independence.
- Toc H can coordinate the various departments to make use of the Product Linked Incentive (PLI) Schemes. The production linked incentive scheme is an initiative by Indian Government to encourage domestic manufacturing and exports. The scheme targets labour intensive sectors, with the goal of creating new jobs and promoting economic growth. Some of the major sectors under PLI scheme are Drones and drone components, high efficiency solar PV modules, automobile and auto components, mobile manufacturing and specified electronic components etc.
- TocH can arrange CSR (Corporate Social Responsibility) projects with BPCL (Bharat Petroleum Corporation Limited). BPCL undertakes CSR projects in areas like education, Skill development programmes, healthcare, environment, community development and sports and culture.

Some specific CSR projects of BPCL include BPCL Udaan (A scholarship programme for underprivileged students), BPCL Sakshyam (A Skill development programme for youth, BPCL Swasthya (A healthcare initiative

providing medical facilities and services, BPCL Vriksha (A tree plantation drive aimed at environmental conservation.) and BPCL Gram Vikas (A Rural Development programme focussing on community development). Apprenticeships and Projects at BPCL could be encouraged for Toc H student community.

- Toc H can manage a joint Proposal with DRDO for drones and wheeled robots which could involve collaborative research, design, development and testing of unmanned systems for various applications. The matching algorithm could be developed which involves task assignment, route planning, formation control, robot capabilities, task requirements environment, optimisation objectives etc.
- Collaborations could be made with ISRO (Indian Space Research Organisation) including ISRO Robotics Challenge 2024 where TocH students can participate and develop solutions for future interplanetary robotics mission.
- Aptive is interested in developing industrial electives.-Mech Design Electronics. Engineering team of Toc H should visit Aptiv Company for implementing this programme. Some key aspects of mechanical design for electronics are thermal management, structural integrity, electromagnetic interference shielding, prototyping and testing etc.
- Toc H can set up Robot Drone Cleaning Projects for students. These projects often include sensor integration, cleaning mechanism design, power supply and energy efficiency considerations, safety features and obstacle avoidance systems etc. These projects give practical experience, skill development, innovation and creativity, entrepreneurial opportunities and industry connections for students.
- Internships on factory management could be administered for Toc H student community wherein it involves planning, organising and supervising the production process in factory. The students can optimise their skills in production, reduce costs and improve overall efficiency.

Item No GB 11 (07) Funded Projects

- The Indian Government has allocated funds for skill development through various schemes and initiatives. Toc H should apply and get benefitted from this schemes and initiatives of the Government.

- Toc H can collaborate with BPCL for Robotic Cleaning for Drains. It involves using robotic systems to clean and inspect drainage pipes and sewers. This Robot cleaning for drains could be used for various applications including municipal sewer systems, industrial drainage, residential sites, agricultural drainage, construction sites etc.
- IDEA LAB creation should be developed in Toc H. An Idea lab is a dedicated space for innovation, creativity and experimentation. Setting up an Idea Lab can cultivate among students a culture of innovation and generate new ideas.
- Toc H can aim at developing Buggies for Cancer Institute with funding from BPCL. Buggies for a Cancer institute can be a valuable asset for transporting patients, staff and equipment around the facility. Some of the options could be electric buggies, golf cart style buggies, stretcher buggies, passenger buggies, cargo buggies, accessible buggies, and customised buggies.

Item No GB 11 (08) Project works from LSGB (Local Self Government Body)

- Initiatives are to be taken to have LSGB project initiatives in areas like Infrastructure development, Public Health and sanitation initiatives, Community development programmes etc.

Item No GB 11 (09) Any other matter of interest permitted by the Chairman.

- Value Added Courses could be offered for the student community of Toc H in various areas including Electric Drives. The Electric drives value added courses could give awareness on EVs (Electric Vehicles), Industrial equipment, Marine vessels, Aerospace and Robotics.
- Value added Courses on Mechanised Construction could be offered to Civil and Mechanical students. This could equip the students with enhanced knowledge of mechanised construction techniques, improved productivity and efficiency and increased accuracy and quality control.

- Social Outreach and Scholarships are to be monitored for the students of Toc H. Social outreach in areas like community engagement programmes, health and wellness initiatives, education and skills training, food and clothing drives, disaster relief efforts etc could be organised.

Prof (Dr).Preethi Thekkath

Principal

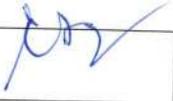
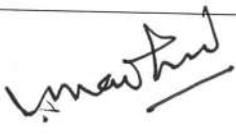
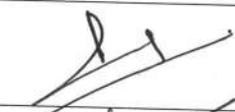
TocH Institute of Science and Technology

Principal
Toc H Institute of Science & Technology
Arakkunnam, Ernakulam Dist-682 313
Kerala



Governing Body Meeting

22nd August 2024

Sl.No	Name of the Governing Body Member	Signatures
1.	Er. C S Varghese (President, Toc H Public School Society).	
2.	Mr. Kurian Thomas (Manager, Toc H Public School Society	
3.	Mr.Madhu Cherian (Secretary, Toc H Public School Society).	
4.	Mr. N.J .Johnson (Treasurer, Toc H Public School Society).	
5.	Mr. George Thomas (Chairman of the Governing Body). (General Manager (PR & Admin), BPCL - Kochi Refinery.)	
6.	Prof. (Dr.) P.G. Sankaran, (VC CUSAT.)	
7.	Dr. A. Unnikrishnan (Associate Director at NPOL, DRDO, Retd.)	
8.	Mr.Ramesh Nair, (CMD, APTIV Connection Systems, India)	
9.	Prof (Dr.) Preethi Thekkath, (Principal, TIST). (Governing Body Secretary)	
10.	AICTE Nominee.	
11.	Syndicate Nominee.	



Governing Body Meeting

22nd August 2024

Sl.No	Name of the Governing Body Member	Signatures
12.	Dr. Deepa Elizabeth George, (Vice-Principal, TIST) (HOD, Dept. of Electronics, TIST.)	
13.	. Dr. S Perumal Sankar , (PG Dean) (Professor, Department of Electronics, TIST.)	
14.	Dr. Georgina Binoy Joseph, (UG Dean) (Asso.Prof, Dept. of RA, TIST.)	