



Impact Assessment Report

on the

CSR Contributions made by

M/s. Tech Mahindra Limited
Madhapur, Hyderabad, Telangana

To

Mahindra Educational Institutions

For the Financial Year 2021-22

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CA JSS Sivarama Prasad Chartered Accountant 17th April 2023 Hyderabad

ii. Acknowledgements

We are delighted to take this opportunity to express our heartfelt gratitude to everyone who made this Impact Assessment Study possible.

As this study was recruited and completed on a short notice, we owe our thanks to the cooperation extended to us by the MU authorities to deliver the requisite data, visit the various sites and interview as many individuals and personnel concerned.

We would like to thank Mr. Rohit Anand, CFO of TechM for inviting us to carry out this Impact Assessment and the Board of TechM for their sanctioning of it.

Thank you to Dr. Yajulu Medury (Vice-Chancellor), Col. Rajive Chauhan (Registrar), Mr. Ranjan Sardar (Finance Dept), Mr. Brainard Chandrahas, Maj. Gen Sukesh Rakshit, Mr. Rakesh Sreedharan, Ms. B. Manasa, Mr. Narasaraju, Mr. Sudhakar Reddy (Corporate Services), Mr. G.K.Suresh, (Manager Projects), Mr.Srinivas (Office Assistant), invited Faculty and Students for our interviews and focus groups and all the support staff who assisted us.

It was indeed our pleasure to have visited this lush and beautiful campus and to have worked with all of you in making this report a success! 7019189424

Thanking you,

CA JSS Sivarama Prasad Chartered Accountant 17th April 2023 Hyderabad

iii. List of Acronyms and Abbreviations used:

AI - Artificial Intelligence

CA - Chartered Accountant

CFO - Chief Financial Officer

COE - Centres of Excellence

CS - Computer Science

CSR - Corporate Social Responsibility

EEE - Electrical and Electronics, Engineering

ERP - Enterprise Resource Planning

HR - Human Resources

ICT - Information, Communications and Technology

IT - Information Technology

JEE - Joint Entrance Examination

JNTUH - Jawaharlal Nehru Technological University, Hyderabad

ME - Mechanical Engineering

MEC - Mahindra Ecole Centrale

MEI - Mahindra Education Institutions

MU - Mahindra University

NRI - Non-resident Indian

PG - Postgraduate

PPO - Pre Placement Offer

R&D - Research and Development

TechM - Tech Mahindra Limited

TMF - Tech Mahindra Foundation

TML - Tech Mahindra Limited

UG - Undergraduate

VC - Vice-Chancellor

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1. Executive Summary:

1.1. About TechM:

Tech Mahindra Limited (TML) is a leading Indian Company providing solutions and services in the Information, Communications & Technology (ICT) industry serving a large number of global customers, including Fortune 500 companies. The company has a large pool of skilled professionals and has proven global delivery models, distinctive IT skills and decades of domain expertise that help clients realize their business aspirations.

1.2. About MEI:

The Mahindra Educational Institutions (MEI) incorporated as a Not-for-Profit Company with its main objective to establish institutions of higher learning, such as setting up of universities, colleges, academics and research institutes towards encouraging education and research work in different disciplines;

- -to promote innovation and technology development; and
- -to collaborate and /or affiliate with other universities in India for the cause of promoting high quality higher education within India.

1.3. About Us:

CA JSS Sivarama Prasad, Chartered Accountant has been a practicing Chartered Accountant with 24 Years of rendering expert professional services. During this period, he has handled various assignments with multinational and multilateral organisations along with several Indian entities. He has a vast exposure of and thorough understanding in systems and processes of medium and large sized organisations. He has been rendering confidential & professional services to many national and international clients across India, UAE and parts of Africa.

1.4. CSR Vision of TechM:

The CSR vision of Tech Mahindra Limited is "Empowerment through Education." For Tech Mahindra Limited, Corporate Social Responsibility means responsible business practices through the involvement of all stakeholders in the decision making process and in its operations. It entails having business policies that are ethical, equitable, environmentally conscious, gender sensitive, and sensitive towards the differently abled. Tech Mahindra Limited committed itself to creating sustainable transformation and social integration.

1.5. Objectives of the CSR Policy:

The objectives of CSR policy are to:

- Demonstrate commitment to the common good through responsible business practices and good governance;
- Actively support and be part of the state's development agenda to ensure sustainable change;
- Set high standards of quality in the delivery of services in the social sector by creating robust processes and replicable models;
- Engender a sense of empathy and equity among employees of TML to motivate them to give back to the society

1.6. Focus Areas:

- TML implements its CSR activities in accordance with Section 135 of the Companies Act 2013 and the Rules notified thereafter.
- One of the CSR focus areas' of TML is the promotion of education, especially technical education that makes the youth employable for the future.
- These programmes are implemented through Mahindra Educational Institutions (MEI).

1.7. Objectives & Scope of this Assignment:

The Impact Assessment exercise with regard to CSR initiatives of Tech Mahindra Ltd (TechM) with respect to Contributions made to M/s. Mahindra Educational Institutions (MEI) is proposed to undertake the following objectives:

- a. To capture tangible and intangible impact of the Contributions made by TechM to MEI during the Financial Year 2021-22.
- b. To establish end use of Funds / Contributions received by MEI from TechM.
- c. To assess impact of the Contributions given to MEI
- d. To examine whether the impact created matches with the planned objectives of Contributions given by TechM as part of its CSR initiative.
- e. To suggest measures for improvement, if any, or course correction in case of on-going initiatives.

1.8. Methodology:

We have used mixed methods by collection of data pertaining to:

- 1. Primary study of CSR spent on the project, by data collection from the beneficiary apart from survey on the locations of beneficiary, in-depth interviews/discussions with the Management team of MEI.
- 2. Site visits and study of works executed
- 3. Review of documentation pertaining to infrastructure setup by using the contributions given by TechM.
- 4. Discussions with stake holders (Registrar, Faculty and the members of the non-teaching staff as well as students)
- 5. Collection of quantitative data and qualitative information from beneficiaries.
- 6. The sampling methodology included:
 - a. Selection and review of 30% of each category of expense.
 - b. For other activities, review of 3 Programs conducted by MEI
 - c. Interaction with 10% of Faculty
 - d. Interaction with Non-teaching Staff 5%
 - e. Interaction with Student community 35 in-person.
 - f. Some additional information was surmised from students identified as per the structured questionnaire.

1.9. Profile of the Sample analysed:

During our week-long visit to MU in April 2023, we had the opportunity to speak and interact with a cross-section of the Management, Faculty and students alike.

Care was taken to have a prolonged interaction with select members who are direct stakeholders such as the Vice-Chancellor, Registrar, Head of Finance, Corporate Services Manager, HR Department and some Faculty members.

The interaction with students was moderated through two focus groups that were anonymous, while ensuring that they were members of the 3rd year and 4th year batches – so that we could gain a perspective of the institution's growth over the past four years.

1.10. Impact Assessment:

TechM has contributed an amount of Rs. 62.10 Cr towards Capital Expenditure apart from an amount of Rs. 1.83 Cr from TechM Business Services Ltd, Rs.52 Lakhs Born Commerce Pvt Ltd, Rs. 54 Lakhs from Comviva Technologies Ltd, Rs. 36 Lakhs from Goolestan Investments Pvt Ltd and Rs. 84 Lakhs from Mahindra & Mahindra Ltd totalling to Rs. 66.19 Crores of donations during the year 2021-22 and the same has been deployed on building infrastructure by MEI.

1.10.1. Tangible Benefits:

- a. The most positive impact of TechM's CSR activities at MEI has been in the areas such as:
 - i. Construction of 450 Hostel Rooms;
 - ii. Additional academic infrastructure in Ecole School of Engineering (2nd Floor with two 360 seater and three 240 seater Class Rooms;
 - iii. Refurbishment of HVAC works at Dormitories;
 - iv. Refurbishment of School of Education, School of Management, School of Law, School of Media & Liberal Arts;
- b. Educated youth with greater access to higher/technical education.
- c. The tangible benefits were clearly identified as the generation of income and employment to all beneficiaries. This includes the enhancing of skills, and access to infrastructure, education and better health facilities. MU has also undertaken several R&D activities since its inception, which has resulted in 177 Journal Papers, 190 Conference Papers, 43 externally funded research projects, 20 book chapters and 12 patents published (as of 31st March 2022). This establishes its competency as an innovation and research hub in-themaking.

1.10.2. Intangible Benefits:

- Intangible benefits include a more educated youth with greater awareness of environmental issues and better access to higher/technical education opportunities. These reflect an overall promotion of sustainable development as a core agenda of the MU.
- Intangibly, many stakeholders had also identified that 'Mahindra' is now associated not just as a corporate entity, but also as a university imparting high quality education. This validates that the CSR efforts of Mahindra has made an outcome to brand itself in spheres beyond just technology.

1.10.3. Scope for Improvement:

Non-student individuals i.e. Faculty, staff and third party vendors manpower – a total of 653 members – all indicated that the planned objectives of the CSR policy has met its intended use by the development and scaling up of MU. Their satisfaction levels were mostly high.

1.11 Key Findings:

The initiatives of TechM are respectable and their impacts and outcomes have been well received among the community and the beneficiaries. The benefits have a cumulative impact on the well-being of people in terms of improving human development in the areas of education as well as raising their standards of living and moving towards a sustainable development process.

During the course of study we noticed that there is a need to pay special attention on some of the areas such as admin, maintenance and infrastructure. We also noticed a need for regular monitoring from TechM. We have put forth some recommendations at the appropriate section in the detailed report which we hope will be useful to TechM's Management towards overall institutional development.

DETAILED REPORT

2. Introduction:

2.1. Introduction and Background to Mahindra University:

The university owes its roots to the Program that was a historic collaboration between the Mahindra group and the Ecole Centrale Paris to establish the **Mahindra Ecole Centrale School of Engineering (MEC)** in 2014, under the auspices of the Jawaharlal Nehru Technological University, Hyderabad (JNTUH). The founding Director was Prof. Sanjay Govind Dhande who established the college along with the partnership of Centrale Supelec, and rendered his services up to 2015.

From 2015 until 2017, an Interim Director – Prof. T.S. Krishnamurthy was appointed. Thereafter, Prof. Rajnish Srivastav was appointed as the Director of the college. His tenure ended in January 2018, and a new Director, Dr. Yajulu Medury was quickly appointed by March 2018.

Since 2020, MEC became Mahindra University – established under the Telangana State Private Universities Act and Dr. Medury was duly recognised as the new Vice-Chancellor.

MEC has established itself as a reputed technological school having a strong vision towards innovation and research in the field of engineering. The brand name of Mahindra and the partnership with CentraleSupelec forged a strong base in the city of Hyderabad to draw in young aspirants who sought a technical future.

2020 saw the beginning of the Ph.D. program in the Department of Engineering, as well as an intake in the newly instituted School of Law, School of Management and the Indira Mahindra School of Education.

During 2022, M Tech Programme and 3 New B.Tech Programs were introduced.

Having seen a tremendous growth in student and faculty intake, as well as in infrastructure and perspective the University is eyeing to reach to 7500+ students by 2025 – Mahindra University is growing exponentially with the support of Tech Mahindra.

2.2. Introduction to Mahindra Educational Institutions:

Mahindra Educational Institutions was incorporated on 9th April 2013 with CIN U80300AP2013NPL086878, as a 100% subsidiary of Tech Mahindra Limited. MEI is a not-for-profit company set up under Section 25 of the Companies Act 1956 (corresponding to Section 8 of the Companies Act 2013).

Mahindra University (MU) was notified by the Government of Telangana vide Telangana Ordinance No. 1 of 2020 dated 20th May 2020 as per the Telangana State Private Universities (Establishment and Regulation) Act, 2018 for "educating future citizens for and of a better world".

Mr. Anand Mahindra, the Chairman of the US \$20 billion Mahindra Group and the Executive Chairman of Mahindra & Mahindra Ltd, is the Chancellor of the University and he believes that professional courses have the greatest potential to contribute to economic inclusivity and sustainable development – which is consistent with the Mahindra RISE philosophy and vision.

The University aims to impart holistic education to a student population of around 10,000 students by 2030, offering both undergraduate and postgraduate programs in diverse streams of education that include Business Management, Engineering & Technology, Design and Architecture, Media, Law, Education, Liberal/Applied Arts and Commerce, Applied Sciences, etc.

Mahindra Ecole Centrale (MEC) established in 2014, has since been subsumed under the Mahindra University as the Ecole Centrale School of Engineering. MEC was set up by an agreement between Mahindra Educational Institutions (MEI – sponsoring body) and Ecole Centrale Paris (now known as Centrale Supelec) along with Jawaharlal Nehru Technological University Hyderabad (JNTUH). The Centrale Institutions comprise of Groupe des Ecole Centrale (GEC), Centrale Supelec, Ecole Centrale at Lyon, Nantes, Lille, Marseilles and Casablanca (Morocco).

Besides the existing programs in Civil Engineering, Computer Science Engineering, Electrical & Electronics Engineering, and Mechanical Engineering, the Ecole Centrale School of Engineering is offering 4-year UG programs of study in Electronics & Computer Engineering, Artificial Intelligence, and Computation and Mathematics, Mechatronics and Nano Technology were introduced from academic session of 2021-22.

The main objectives of MEI are:

• To establish institutions of higher learning such as setting up institutions, universities, colleges, academies, and research institutes encouraging education and research work in different disciplines

- To promote innovation and technology development, to collaborate and/or affiliate with other universities in India and abroad for the cause of promoting quality higher education.
- To collaborate and cooperate with educational or other institutions in any part of the world by exchange of teachers and scholars and generally in such manners of promoting higher education.
- To undertake, collaborate or affiliate with any institutions, trusts, or any other bodies in India and abroad for establishment and running of educational institutions in different disciplines

2.3. Corporate Social Responsibility U/s. 135 of Companies Act 2013:

Every company having a net worth of INR 500 crore or more, or turnover of INR 1000 crore or more, or a net profit of INR 5 crore or more during any financial year, shall constitute a Corporate Social Responsibility Committee of the Board consisting of three or more directors, out of which at least one director shall be an independent director.

The Board of every company referred to in sub-section (1) to Sec 135 shall ensure that the company spends, in every financial year, at least 2% of the average net profits of the company made during the three immediately preceding financial years, in pursuance of its Corporate Social Responsibility policy.

2.4. Introduction to Corporate Social Responsibility and Impact Assessment

Corporate Social Responsibility (CSR) is defined as an initiative by corporates to assess and take responsibility for the effects of the company's activities and operations on all aspects of society, including economic, social, and environmental, thereby covering the impact on the customers, employees, and shareholders of the organisation as well as on external communities, and the environment.

In this context, CSR is also referred to as "corporate citizenship", as it entails incurring short-term costs that do not provide an immediate financial benefit to the company, but instead, promote positive social and environmental change.

The scope of CSR activities broadly covers education; provision of water supply including drinking water; health care and organisation of health awareness camps; environment; social empowerment; and sports and culture.

The impact assessments of CSR focus on the effects of such investments and showcase the tangible and intangible results of CSR projects to the stakeholders.

The impact assessment exercise helps in comprehending the tangible and intangible changes experienced by the beneficiaries as well as those being witnessed by their surrounding ecosystems as a result of the intervention.

This helps stakeholders understand the overall outcome and impact of the project, and aids decision-making in terms of future investments to be made in CSR by the management.

The impact assessment exercise also aims to increase community participation and clarify how public policy helps achieve the goals and priorities of CSR.

2.5. Importance of Corporate Social Responsibility:

- CSR improves the public image by publicizing the efforts towards a better society and increase their chance of becoming favourable in the eyes of consumers.
- CSR helps companies to stand out from the competition when companies are involved in any kind of community.
- CSR increases media coverage as media visibility throws a positive light on the organisation.
- CSR initiatives makes employees happier and more fulfilled.
- CSR enhances the company's brand value by building a socially strong relationship with customers.
- CSR increases customer loyalty.
- CSR initiatives opens up new opportunities to companies.

2.6. CSR Objectives of Tech Mahindra Limited:

The objectives of CSR Policy of TechM are to:

- Demonstrate commitment to the common good through responsible business practices and good governance.
- Actively support and be part of the state's development agenda to ensure sustainable change.
- Set high standards of quality in the delivery of services in the social sector by creating robust processes and replicable models.
- Engender a sense of empathy and equity among employees of TML to motivate them to give back to the society.

2.7. Focus areas for CSR activities at Tech Mahindra Ltd:

TML will implement its CSR activities in accordance with Section 135 of the Companies Act 2013 and the Rules notified thereafter.

Currently the CSR focus area for Tech Mahindra Ltd is promotion of Education. Within this broad theme, specific areas such as school education, education for employment, and technical education are included. Persons with disability and Women's Empowerment are cross-cutting themes in these focus areas.

The interventions in these thematic areas will be prioritized to reach the underserved segments of the population like women, economically and geographically disadvantaged, and vulnerable and marginalized populations. The company also lays emphasis on employee volunteering in all its CSR efforts. These programmes shall be implemented through two organisations: Tech Mahindra Foundation (TMF) and Mahindra Educational Institutions (MEI).

- School Education: Education is the tool for creating an empowered, enlightened society capable of rising to its full potential. Availability of Quality Education for all classes is the way to ensure an equitable and just social system. TMF aims to improve the quality of school education in India through school improvement programmes, capacity building of all stakeholders and supplementary education.
- Employability: The Tech Mahindra Foundation intends to support the Government of India's larger vision of skill development of youth through developing their market-oriented skills and linking them to potential employers. This programme seeks to benefit school drop-outs, people with disabilities, and those unable to go into higher education, among others with specific focus on women.
- **Technical Education:** Mahindra Education Initiative shall establish institutions of higher learning, promote research and development and collaborate with other renowned institutions to contribute towards the goal of high quality technical education systems in India.

2.8. Constitution of the Board:

In pursuit of the above CSR objective of technical education, MEI has constituted a Governing Body and Board of Management, with the following members:

	Table 1: Governing Body of MU			
Sl.No:		•	Role at MU	
	Person	Representing from		
1	Mr. Anand Mahindra	Chancellor, Mahindra University	Chairman	
2	Dr. Yajulu Medury	Vice Chancellor, Mahindra University	Member	
3	Ms. Sandeep Kumar Sultania, IAS	Spl. Chief Secretary to Government, Higher Education, Govt. of Telangana	Member	
4	Ms. Shobana Kamineni	Executive Vice Chairperson of Apollo Hospitals	Member	
5	Ms. Dhanashree Bhat	Tech Mahindra	Member	
6	Mr. B.K. Mishra	Tech Mahindra	Member	
7	Col. Rajive Chauhan	Acting Registrar, Mahindra University	Non- Member Secretary	

Table 2: Board of Management			
Sl.No:	Name of the Person	Role at MU	
1	Mr. Vineet Nayyar	Member	
2	Mr. CP Gurnani	Member	
3	Mr. Zhooben Bhiwandiwala	Member	
4	Mr. Ulhas Yargop	Member	
5	Prof. Yajulu Medury	Chairman	
6	Ms. Anuja Mahindra Sharma	Member	
7	Prof. Mukti Khaire	Member	
8	Prof. Bishnu Pal	Member	
9	Prof. Arya Kumar Bhattacharya	Member	
10	Prof. Rama Velamuri	Member	
11	Prof. Sridhar Acharyulu	Member	
12	Prof. Srinivasa Rao Srunagarapu	Member	
13	Col. Rajive Chauhan	Non-member secretary	

2.9. Implementation of CSR activities at Tech Mahindra Limited:

The Company's CSR programmes is identified and implemented according to the Board's approved CSR policy. This CSR Policy builds on the learnings from and good practices of the Company's ongoing CSR activities. To ensure its monitoring and evaluation mechanism, the policy has:

- clearly defined objectives (developed out of existing societal needs determined through baselines/studies/research), targets and time lines.
- a robust progress monitoring system
- impact assessments conducted by independent third-party agencies (such as this reporting agency)
- a reporting framework and system in alignment with the Act and Rules.

2.10. Activities of MEI during 2021-22:

In the academic session 2021, 818 students were admitted into various courses of B.Tech, M.Tech, School of Management, School of Law and PhD programs of the University.

Mahindra University has conducted its annual cultural and sports event AETHER and AIRO for the year 2021-22 once the campus reopened for operations post COVID pandemic. Students also participated in multiple intracollege sports tournaments and cultural events which saw students winning medals and accolades for the university.

On the whole, apart from these events, the University also conducted 30+ seminars, expert talks, and workshops that benefit students to gain knowledge and network. Students also participated in multiple technology-related hackathons to exhibit their skills and bagged prizes. The University has also conducted around 10+ webinars in the year 2021-22.

The University conducted its first International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2021, technically cosponsored by the IEEE Computational Intelligence Society from 25th to 27th August 2021. The keynote speech was delivered by Prof. Kalyanmoy Deb, Koenig Endowed Chair Professor, Electrical and Computer Engineering and Director, Computational Optimization and Innovation (COIN) Laboratory, Michigan State University, USA. Akira Hirose, Professor, Department of Electrical Engineering and Information Systems, The University of Tokyo, Japan; Chandrajit Bajaj, Professor of Computer Science and Oden Institute of Computational Engineering and Sciences, The University of Texas at Austin, USA; Simon See, Global Head, NVIDIA AI Technology Centre, Singapore were among the other speakers for the conference.

The university intends to focus on developing Centres of Excellence (CoE) across several domains.

Broadly, in the immediate future, three Centres of Excellence have been envisaged for further expansion. These include the domains of Photonics related to Meta-materials & Plasmonics, Smart Structures & Sustainable Infrastructure, and Computational & Experimental Mechanics.

The CoEs will provide a meeting ground for like-minded researchers to work and collaborate on areas of mutual interest. The CoEs are an important component of the University vision in establishing global and national research and development opportunities to the faculty and students alike.

3. Scope of Impact Assessment Study:

In pursuit of TechM's CSR Policy, and its philosophy of obtaining an independent assessment of the initiatives undertaken by MEI, this impact assessment was awarded to CA JSS Sivarama Prasad, Chartered Accountant.

3.1. Objectives of the Study:

This assignment addresses the following objectives:

- a. Capture tangible and intangible impact of the Contributions made by TechM to MEI during the Financial Year 2021-22.
- b. To establish end use of Funds / Contributions received by MEI from TechM.
- c. To Assess impact of the Contributions given to MEI
- d. To examine whether the impact created matches with the planned objectives of Contributions given by TechM as part of its CSR initiative.
- e. To suggest measures for improvement, if any, or course correction in case of on-going initiatives.

3.2. Resources deployed on the assignment:

The impact assessment team for this study includes:

a. **CA JSS Sivarama Prasad**, Chartered Accountant has 24 Years of experience in the fields of Investigation and Audits and has executed several successful projects in India, UAE, Africa. He has participated in several varied activities that include drafting of formation documents and review of activities for SERP (Society for Elimination of Rural Poverty), APVRF (AP Vulnerability Reduction Fund) Trust, Viksit Bharat Foundation, initiated by Hon'ble President of India Shri APJ Abdul Kalam.

Apart from being a Chartered Accountant, Sivarama Prasad is a Founder Trustee and Board Member of:

1. **Sri Ramachandra Foundation**, established in 2021 with the objectives to spread Vedic education and to teach the methods of Pranahuti supported meditation to earnest seekers of spirituality across the globe. Currently operating from Hyderabad, Bengaluru, Chennai, New Delhi and

Pune in India; Fremont, San Francisco, Dublin, Santa Clara, Atlanta, Phoenix, Dallas, Minneapolis in USA and Toronto in Canada. https://www.pranahutiyoga.org

- 2. **Gandhi King Foundation** was established in 2011 as a Charitable Trust in Hyderabad, India to promote 'Sarvodaya Social Order' a Nonviolent, Nonexploitative Society based on the principles of Truth, Nonviolence, Equality, Justice and Human Values. Currently working from Hyderabad, in India and San Francisco, USA. GKF conducts International Youth exchange programs, Skills development programs to Teachers and Students, Youth Volunteering programs, Rural Development Programs, Introducing Gandhian Thought to Students, etc. https://www.gandhikingfoundation.net/about-us
- 3. Board Member of **Vasavya Society for Rural Development -** VASORD established in 1983 working in the areas of rural development, *Gram Swaraj*, health, education, volunteering and sustainable development.
- b. Chiteisri Devi holds a Master's degree in Anthropology, Environment and Development from University College, London (UCL) and an undergraduate degree in Law from ILS Law College, Pune. From 2016 to 2020, she worked Sustainable Development Solutions with the Network (https://www.unsdsn.org/) as a Research Associate and then as an Education Manager with the SDG Academy– which is the SDSN's flagship education initiative. Her role included the production of content modules of ~20 courses, advocacy towards the SDGs, social media outreach and periodic evaluation of the overall program in monitoring the UN's progress towards the SDGs. Her areas of focus include gender, education environmentalism.
- c. Sai Shanker Bukka is a Cost Accountant with over two decades of varied experience in the key areas of Accounting, Finance, Audit and Management of nation-wide large entities in the field of Telecom, Infrastructure, Banking and Capital Goods Manufacturing activities.
- d. **CA U. Chandrahasa Phanindra** is a Chartered Accountant and CISA qualified professional. With 4 Years of post-qualified experience in conducting audit and accounting assignments apart from Direct and Indirect Tax compliance and regulatory consultancy. He has good exposure in Systems Audit and is conversant with SAP, Tally ERP, MS-Office to perform the financial operations and data analysis.
- e. **Harita D** holds a Master's Degree in Business Finance and carries a decade of work experience in the areas of Accounting, Auditing and has good

exposure in ERP management as an end user to perform the financial operations and data analysis.

3.3. Limitations:

This study is limited by the accuracy of the data received from various departments on short notice.

We have attempted to deliver a comprehensive overview of the impact assessment to the best that we could, within the said deadlines.

4. Impact Assessment of MEI:

4.1. Qualitative Assessment of MEI:

In this chapter, we discuss the findings from the qualitative survey. The impact assessment exercise relies on an intensive examination and interpretation of the experiences of various stakeholders, over and above the quantitative survey.

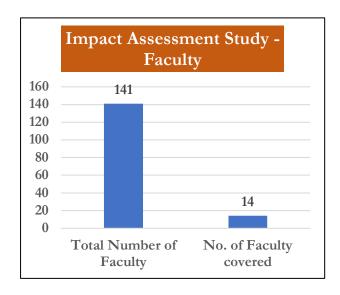
Hence, we made an effort to gather data using qualitative tools. This included interviews with the beneficiaries, site visits, review of the capex works undertaken and corroboration of the data received from MEI.

The insights gathered by this survey were all based on information that was received anonymously – but we did ensure that all the respondents were *bonafide* members of the institution, past and present.

4.1.1. Methodology

We have used mixed methods by collection of data pertaining to:

- 1. Primary study of CSR spent on the project, by data collection from the beneficiary apart from survey on the locations of beneficiary, in-depth interviews/discussions with the Management team of MEI.
- 2. Site visits and study of works executed
- 3. Review of documentation pertaining to infrastructure setup by using the contributions given by TechM.
- 4. Discussions with stake holders (Registrar, Faculty and the members of the non-teaching staff as well as students)
- 5. Collection of quantitative data and qualitative information from beneficiaries.
- 6. The sampling methodology included:
 - a. Selection and review of 30% of each category of expense.
 - b. For other activities, review of 3 Programs conducted by MEI
 - c. Interaction with 10% of Faculty
 - d. Interaction with Non-teaching Staff 5%
 - e. Interaction with Student community 35 in-person.
 - f. Some additional information was surmised from students identified as per the structured questionnaire.



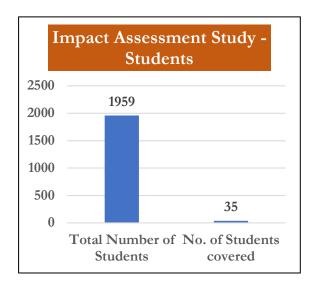


Chart 1: Faculty Interviews

Chart 2: Student Focus Groups

4.1.2. Detailed Profile of the Sample analysed:

During our week-long visit to MU in April 2023, we had the opportunity to speak and interact with a cross-section of the Management, Faculty and students alike.

Care was taken to have a prolonged interaction with select members who are direct stakeholders such as the Vice-Chancellor, Registrar, Head of Finance, Corporate Services Manager, Admin head, HR Department and some Faculty members.

The interaction with students was moderated through two focus groups that were anonymous, while ensuring that they were members of the 3rd year and 4th year batches.

As part of the study, we spoke to 2 focus groups of students. A summary of the most repeated observations are mentioned below in 4.1.7

4.1.3. Profile of UG Students admitted into University:

During the current academic year 2021-22, MU has admitted 818 Students for Under Graduate, Post Graduate and Ph.D Courses.

As contemplated, the university is witnessing an increasing number of admissions which can be positively construed for the increased number of girls, as well as an increased national intake.

The data suggests that Brand 'TechM' has an outreach that is growing due to the MU – which is in-line with the CSR vision of TechM.

The following are the details:

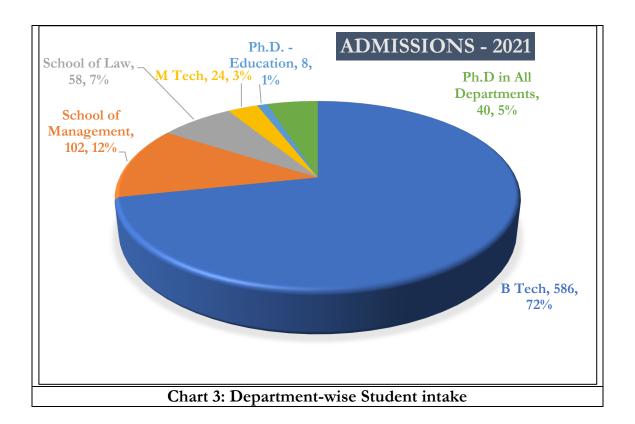
	Table 3: MU Admissions			
Sl No	Year	2019-20	2020-21	2021-22
1	Total Admissions	265	648	818
2	Total Applications Received	6,734	15,663	18282
3	NRI Applications	123	143	197
4	Admissions North & East	10	49	48
5	NRI Admissions	34	73	67
6	Total No. of Offers Made	1,418	2,298	2,211
7	Total Offers Accepted	477	862	939
8	Total Cancelations	212	219	242
9	Admitted Students	75:25	71:29	61:39
	Gender% (Boys : Girls)			
10	Admitted Students %	86:14	81:19	85:15
	(Telangana & AP: Outside)			

4.1.4. Student intake for the academic year 2021:

MEI has enrolled 818 freshers under various Programs for the academic year 2021:

Table 4: Program-wise Admissions			
S1 No	Program Name	Type UG/PG	Batch 2021
1	B Tech	UG	586
2	School of Management	UG	102
3	School of Law	UG	58
4	M Tech	PG	24

5	Ph. D – Education	Ph.D	8
6	Ph.D in all Departments	Ph.D	40
	Total		818



4.1.5. Program outcomes of School of Engineering at MEI:

Mahindra Ecole Centrale when established in 2014, laid a clear code for the expected outcome in the engineering program. These principles show that the quality, consciousness and futuristic approach are core philosophy of the institute. These are the illustrated highlights which are visibly seen to guide and inspire the current and future leadership of MU. Therefore, we used these points as a tool in our methodology to collect qualitative insights from all our respondents. The program outcomes are listed as under:

- Engineering knowledge: apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialisation to the solution of complex engineering problems.
- **Problem Analysis:** Identify, formulate, review research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

- Design/Development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal and environmental considerations
- Conduct investigations of complex problems: Use research-based knowledge and research methods including design or experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
- Modern tool usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of limitations.
- The Engineer and Society: Apply reasoning informed by the contextual knowledge to asses societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.
- Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and Teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary settings.
- Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work as a member and leader in a team, to manage projects and in multi-disciplinary environments

• **Life-long learning:** Recognise the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

4.1.6. Departments being operated at MEI for the academic year 2021-22:

In pursuit of achieving the abovementioned Program Outcomes, the MEC has formulated various Departments within the School of Engineering.

Approaching the technical training of engineering with the lens of Humanities, Natural and Social Sciences and lateral thinking suggests that a holistic outlook towards education is sought for through the processes laid out by the MEI.

4.1.6.1. List of Academic Departments under - Ecole Centrale School of Engineering:

	Table 5: Engineering Departments at MU		
Sl. no	Name of the Department		
1	Department of Physics		
2	Department of Chemistry		
3	Department of Mathematics		
4	Department of Humanities & Social Sciences		
5	Department of Electrical and Electronics Engineering		
6	Department of Civil Engineering		
7	Department of Mechanical Engineering		
8	Department of Computer Science and Engineering		

Table 6: Other Academic Departments at MU		
Sl. no Name of the Department		
1	School of Management	
2	School of Law	
3	School of Education	

4.1.6.2. List of Non-Academic Departments:-Pending

Ta	Table 7: Non-Academic Departments		
Sl no	Name of the Department		
1	VC Office		
2	Human Resources		
3	Registrar Office		
4	Admission & Marketing		
5	Placements		
6	Finance		
7	Branding & Communication		
8	Corporate Services		
9	IT		
10	Library		
11	Examination		
12	Research		
13	Lab Assistants		
14	Hostel Wardens		
15	Student Affairs		
16	Clinic		

4.1.7. Survey Results of Samples analysed:

During our week-long stay at MU, we had the privilege of interviewing both faculty and students alike. Below are the key findings of our interactions:

4.1.7.1. Faculty Interviews:

In the year 2021-22 a total of 653 members comprising of Faculty, non-teaching staff and third-party vendors rendering services inside the residential campus.

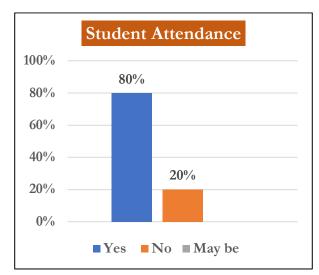
All our respondents indicated that MU's growth was evident and mostly favourable towards attaining a long term vision of a global standard institution in-the-making. Their satisfaction levels were mostly high.

When Faculty members were interviewed – they each had an opinion about the size of each class. They all were unanimous that the batch size was optimum of all the years.

Most of them also spoke in high regard of the students. Some believed that the class size of the current batches was high to afford individual attention.

A piece of noteworthy feedback received from few of the faculty members that, the curriculum reflects market requirements as per international standards. This would increase overall learning objectives and the value proposition of MEI.

In order to manage the expectations, there is a need to facilitate the meeting of parents and faculty periodically.



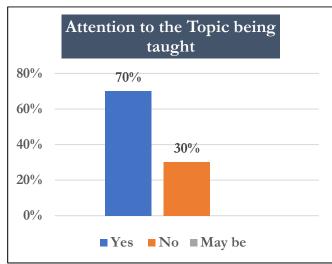
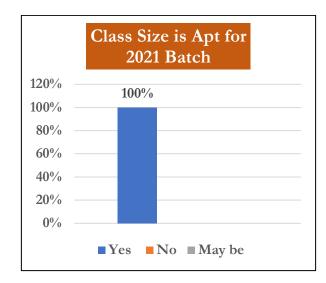


Chart 4: Do Students attend classes?

Chart 5: Do Students pay attention in class?



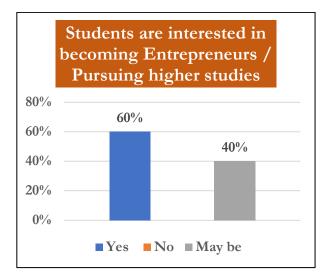
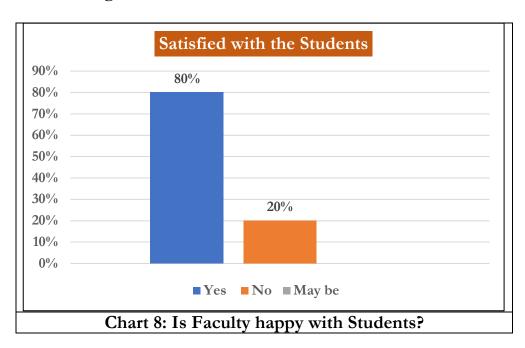


Chart 6: Is the Student-Teacher ratio good?

Chart 7: Do Students aspire to be entrepreneurs?



4.1.7.2. Summary of Student Focus Groups – Key Insights:

We collated the interview highlights and combined the replies given by the sample students under the following categories. This data is summarised into a logical sequence giving an overall perspective of their statements and opinions. The extent of satisfaction is tabulated below, in order to gain an understanding of where they could be a scope for improvement at large.

The group of students expressed their observations and experience of being on campus.

An extract of our interaction is summarised below:

- Earlier (2014-2020) the batch strength was really low, student- teacher ratio was also low, so the overall quality of the teaching and attention was high. Currently, the university has 1959 students and the increasing strength has compromised on the student experience.
- When questioned on whether being a part of MEC was a confidence booster and whether they believed that they developed some technical skills in the past four years, the students seemed mostly agreeable. Their responses may be noted as below:



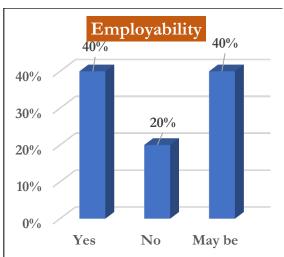


Chart 9: Students self confidence

Chart 10: What are the chances of increasing employability?

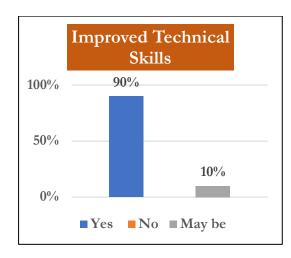


Chart 11: Have you improved Technical Skills?

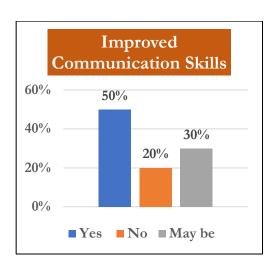
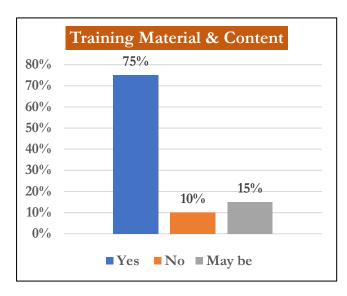


Chart 12: Have you improved Communication Skills?

• The initial batches had more subjects that were mandatory – but now the curriculum has improved. The current batches have fewer compulsory courses, but they feel it has been refined to industry standards.



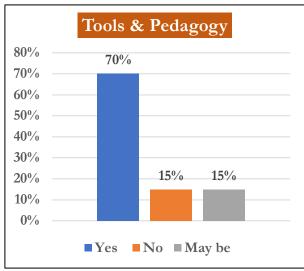
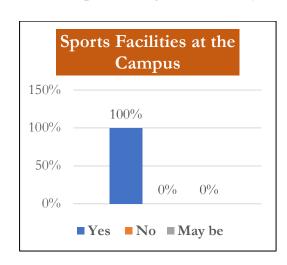


Chart 13: Are you satisfied with curriculum? – Part 1

Chart 14: Are you satisfied with curriculum? – Part 2

- When questioned about placements, students felt that with the tag name 'Mahindra' they would be better positioned in the market with respect to placements and internship opportunities.
- On Campus life-students indicated a positive experience of being here.
 Most students are local, yet they all expressed the need for being oncampus during the week days.



Satisfied with the Lab
Facilities

80%
65%
60%
40%
20%
15%
0%

Yes No May be

Chart 15: Are you happy with sports facilities?

Chart 16: Are you happy with lab facilities?

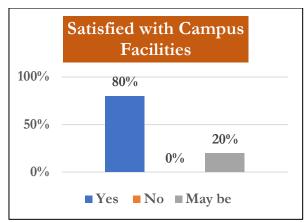
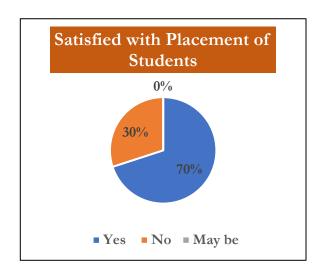


Chart 17: Is the campus infrastructure good?

- On Infrastructure and Facilities the students appreciated the extensive infrastructure. Access to Labs, and the library is most loved by the student community. Also, many sports facilities and activities have also improved during the year.
- On Placements When questioned about Placements students felt that overall they were mostly satisfied with MU's collective efforts towards Placements.



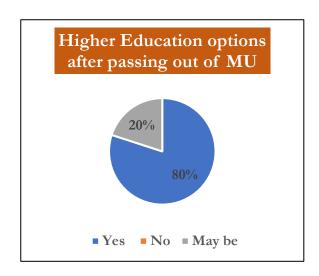
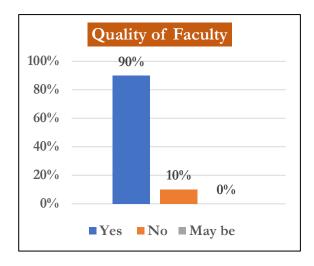


Chart 18: Are you satisfied with Placements?

Chart 19: Does MU help you for Masters?

 An aspect that the institute should take into account is the consolidation of student welfare and committees to be largely managed by the students themselves. A few students expressed more transparency in grading and assessments. • Students - when asked about their teaching faculty, they are very much satisfied with the methods of teaching adopted by the faculty and they would not prefer to miss any of the classes some asserted.



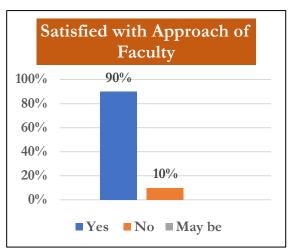
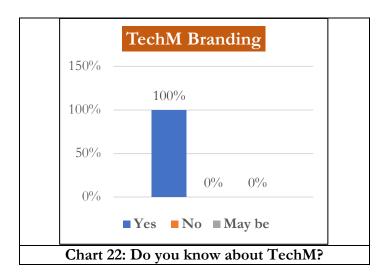


Chart 20: Are you happy with the Faculty here?

Chart 21: Do you like the way Faculty here teach?

• About TechM Branding:
Upon questioning whether the students on campus know the "TechM"
Brand, everyone responded in the affirmative. (This confirms that the CSR initiatives being carried on by TechM at MEI, are being well received by the students due to their innate recognition of the brand).



4.2. Financial Assessment of MEI:

4.2.1. Amount spent by Tech Mahindra towards CSR initiatives for the FY 2021-22:

MEI has spent an amount of Rs. 66.24 Crores out of CSR initiatives implemented at MU campus towards infrastructure development for the Financial Year 2021-22. The deployment CSR funds have been utilised under the following categories:

Table 8: Utilisation of CSR Funds by MEI				
Sl No	Utilization	Unit	Qty	Amount (Rs. In Crs)
1	Construction of 450 Rooms in Phase I & Phase II Hostel Blocks	Nos	450	46.30
2	Refurbishment of LC blocks to make new schools such as School of Management, School of Law, School of Education and School of Media & Liberal Arts.	SFT	1,50,000	10.00
3	Dormitories refurbishment works	SFT	2,58,000	4.04
4	Creation of additional Academic Infrastructure in Ecole school of Engineering	SFT	45,000	5.90
	TOTAL			66.24

4.2.2. Amount spent on R&D activities:

MEI has invested an amount of Rs. 28.21 Lakhs towards:

- 1. Evaluation of Transit-Oriented Development (TOD) and Its Association with Travel Behavior and Gentrification Using Big Data Analytics, DST (Indo-Taiwan cooperation programme)
- 2. Plug and play IV Curve Tester for PV, Department of Science and Technology (DST)
- 3. DC-DC Converter Design, India Nippon Electricals Limited

- 4. Soft Exo-skeleton/Exo-Suit for application in daily life and industry— I-Hub Foundation for Cobotics, Technology Innovation Hub, IIT Delhi
- 5. Development of Economical and Sustainable Precast Building Products for Non-Structural Applications, Smart Built Prefab Pvt. Ltd.
- 6. Investigation and Development of Physics Informed Neural Networks for Analysis of Complex Fluid Dynamics Phenomena, Aeronautics Research and Development Board (ARDB), DRDO
- 7. Schur and Bogomolov multiplier of finite groups, INSPIRE DST
- 8. Use of Geosynthetics in pavements over soft and expansive subgrades: A Sustainable Solution Ministry of Textiles, Govt. of India
- 9. Performance evaluation of structural and non-structural components with CE 10 for sustainable and economical construction APV Spartek, Chennai
- 10. Thermo-Structural Studies on RCC structures for impact analysis Advanced Systems Laboratory-Defense Research Development Organization (ASL-DRDO)
- 11. Efficiency improvement in ISG India Nippon Electricals Limited

Table 9: R&D Expenses				
Head	MEI	MU	Total	Remarks
R & D	13.81	14.40	28.21	Internal R & D
Exp				Expenses

4.2.3. Infrastructure at MEI:

MEI has initiated various infrastructure related developments which contributed in furtherance of the objective of imparting technical education.

An amount of Rs. 62.10 Crores was deployed by TechM during 2021-22 towards setting up cutting-edge infrastructure. The funds given by TechM were well utilised by the MEI/MU.

The University has required infrastructure commensurate with the current strength of students & courses.

Table 10: Current Infrastructure			
S. No.	Description		
1	Classrooms		
2	Lecture theatre		
3	Tutorial Rooms		
4	Laboratories		
4a	Physics Lab		
4b	Chemistry Lab		
4c	Chemistry Research Lab		
4d	Computer Lab		
4e	Language Lab		
4f	Drawing hall		
4g	Civil Workshop		
4h	Mechanical workshop		
5	Cabins		
6	Cubicles		
7	Workstations		
8	Hostel Facilities		
9	Cafeteria- Near dorms		
10	Canteen (Academic Block)		
11	Sports facilities:		
11a	Volleyball court		
11b	Basketball court		
11c	Badminton court		
11d	Table Tennis		
11e	Snooker		
11f	Gym		
11g	Football Ground		
11h	Cricket Ground		

4.2.4. Infrastructure built at MEI using CSR funds given by Tech Mahindra during 2021-22:





Picture 1: Completion of additional floors from 3 to 7

Picture 2: Interiors





Picture 3: Interiors

Picture 4: School of Education





Picture 5: School of Law

Picture 6: Interiors





Picture 7: Dormitories HVAC Works

Picture 8: Additional Academic Infrastructure

4.2.5. Direct beneficiaries of CSR Contributions:

Students getting educated at Mahindra University are absorbed by Corporates across India. This confirms to the upgraded skills of students enrolled by the University and in itself an acknowledgement that the courses designed are in tune with corporate expectations and market requirements.

4.2.5.1. Students of MU placed at Corporates during Year 2021-22:

The details of Program wise students placed during the year 2021-22 is given as under:

Table 11: Program wise Placement of Students			
Sl No	Program	No of Students Placed	
1	Computer Science Engineering	45	
2	Electrical and Electronics Engineering	33	
3	Mechanical Engineering	30	
4	Civil Engineering	4	
	Total	112	

Table 12: Company wise Placement of Students			
S1 No	Company Name	No of Students Placed	
1	Intellipaat	22	
2	Capgemini	8	
3	Mahindra & Mahindra	8	
4	Untangle	7	
5	ZS Associates	5	
6	Telstra	5	
7	Advansis Consulting	4	
8	L&T	4	
9	DSCI	3	
10	Wipro	3	
11	Strategic Research Insights	3	
12	IQVIA	3	

13	Tech Mahindra	2
14	Byjus	2
15	Juniper Networks	2
16	Happy Marketer	2
17	Clarivate	2
18	Atkins Global	2
19	Jocata	2
20	Dell	2
21	Ubisoft	1
22	Tata Power	1
23	Svaya Robotics	1
24	Futures First	1
25	Cognida.ai	1
26	Godrej & Boyce	1
27	Accolite Digital	1
28	ELP Aviation	1
29	Synopsys	1
30	Veeva Systems	1
31	Forbes Marshall	1
32	Zensark Technologies	1
33	Thermo Fisher	1
34	DST	1
35	CreditVidya	1
36	Sterlite Technologies	1
37	Hubble Connected	1
38	ADP	1
39	Airbus	1
40	Pramati (Wavemaker)	1
41	Schlumberger	1
	Grand Total	112

4.2.6. Indirect Beneficiaries of CSR Contribution:

The indirect beneficiaries of CSR initiatives of Tech Mahindra Ltd for the year 2021-22 include the following:

4.2.6.1. Department-wise Faculty & Staff at MEI (Teaching & Non-Teaching staff) for the academic year 2021:

A team of 141 Teaching Staff and 136 Non-Teaching Staff rendering services of excellence at MEI and MU together. The department wise distribution of the same is tabulated as under:

Table 13: Department wise faculty			
Sl. no	Department	T/NT	MU
1	Centre of	Teaching	3
	Entrepreneurship &		
	Innovation		
2	Centre of Executive	Teaching	1
	Education		
3	Chemistry	Teaching	5
4	Civil Engineering	Teaching	11
5	Computer Science	Teaching	19
	Engineering		
6	Design Thinking Lab	Teaching	2
7	Electrical And	Teaching	13
	Electronics Engineering		
8	English	Teaching	6
9	French	Teaching	4
10	Mathematics	Teaching	11
11	Mechanical Engineering	Teaching	15
12	Media	Teaching	3
13	Physics	Teaching	8
14	School of Education	Teaching	4
14	School of Law	Teaching	23
16	School of Management	Teaching	11
17	Non-Teaching Staff	Non-	136
		Teaching	
	Grand Total		276

4.2.6.2. Outsourced / Third Party Vendors employed by MEI for the academic year 2021:

MEI has given livelihood opportunity to 382 Members by employing them for various activities through Outsourced Agencies:

Table 14: Third Party Vendors			
Sl.no:	Activity	No. of	
		Members	
1	Office Assistants	11	
2	House Keeping Staff	110	
3	Catering Staff	135	
4	Security Staff	84	
5	Maintenance	18	
6	Gardening	17	
7	Pest Control	2	
	TOTAL	377	

5. Key Survey Findings & Recommendations:

Based on the above data received and analysed – the following recommendations are suggested towards more long-term allocation of CSR funds as well as sustainable institutional growth:

1. Procedural Recommendations:

There is a need for continuous and periodic monitoring of the progress of works undertaken instead of a mere year-end assessment activity. Periodical Operational / Internal audit will enhance the intrinsic value of the funds deployed by TechM as well as gives assurance to all stakeholders concerned.

2. Policy Recommendations:

- i) Robust assessment studies of initiatives may be carried out to decide on how to prioritise areas of excellence to put the university on national and international map in future.
- ii) MEI may consider implementing some thoroughly deliberated measures towards the overall institution-building of the University such that its processes function seamlessly through the years of scale and growth anticipated.
- iii) MU may consider enhancing the collective leadership of the student body.

TechM has been able to meet its CSR needs of providing quality technical education.

A combination of the above with more high-value CSR initiatives is desired in maintaining its objectives for the long-term as the university is gearing up for exponential growth in times to come.

Thank You