

#### 6.1. Institutional Vision and Leadership

## **Vision**

To impart quality education in building Engineering and Management professionals striving for a symbiosis of innovative technological excellence, research and human values with global standards to meet skills, knowledge and behavior of industry and societal needs.

## **Mission**

The management of SCIENT has the mission:

- To achieve excellence by imparting innovative Teaching & Learning and Research.
- To generate, empower, disseminate and preserve knowledge and information.
- To render social relevant Technical services and inculcating entrepreneurial talents in Technological advancements.
- To nurture, inculcating and develop skills, knowledge and attitudes to render technical services for industry and societal needs.

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## Quality Policy

Scient Institute of Technology (SNTI) is committed to prepare high standards Engineering and Management professionals with Global Technical skills, Knowledge, Leadership quality attitudes by usage of consistent advanced ICT Teaching-Learning, Innovative research aptitude and providing technical services for continual empowerment in enabling Quality Management System, Practice ,Training and Incubating real time requirements and utility.

## Quality objectives

- To become dynamic, vibrant, demand driven, quality conscious, efficient, forward looking and responsive to rapid economic and technological development occurring both at National and International level so as to offer instructions in Science and Engineering at the level comparable to the very best anywhere in the world.
- To strive for total quality management in order to have quality faculty and churn out quality students having prowess in their technical/managerial domain with cultural values.
- To prepare Students for a life time leadership.

## Governance

Scient Institute of Technology, a unit of Scient Educational Society, was established in the year 2001 by the perseverance and cognizant efforts of our founder Dr. K.C. Shekar Reddy to fulfill his motto "Yoga: Karmasu Kaushalam" Literally means: Practice Fate Perfection. Diligent practice of a work results in a perfect outcome.

Scient Institute of Technology functions under Scient Educational Society and is managed by a Governing Body (GB) consisting of members of the Society, eminent Academicians and Industrialists.

## Strategy

To translate the vision into action and accomplish the mission, Scient should strive to:

- a) Provide state-of-the-art infrastructure.
- b) Recruit, develop and motivate high caliber diverse faculty.
- c) Continuously review and innovate teaching methods and learning resources.
- d) Focus on research, education and training through an integrated industryinstitute interaction.

## Administration

- SCIENT shall be governed by a Governing Body (GB). Overall development and monitoring of the governance of SCIENT rests on GB.
- The smooth functioning of the college is facilitated by three committees-the Governing Body, the Management Team and the Staff Council.
- The Governing body and the Management Team work under the able administration of the Chairperson of Scient Educational society.
- The Governing Body shall have at least 13 members including the Chairman and the Member Secretary, and the remaining members will be nominated as indicated below Functions:
- (a) Subject to the existing provision in the bye-laws of respective college and rules laid down by the state government, the governing body of the above colleges shall have powers to:

- i. Fix the fees and other charges payable by the students of the college on the recommendations of the Finance Committee.
- ii. Institute scholarships, fellowships, studentships, medals, prizes and certificates on the recommendations of the Academic committee
- iii. Approve institution of new programmers of study leading to degrees and/or diplomas.
- iv. Perform such other functions and institute committees, as may be necessary and deemed fit for the proper development, and fulfill the objectives.

### Constitution of Governing Body

Number	Category	Nature
5 Members	Management	Trust or management as per the constitution or byelaws, with the chairman or president/director as
2 Members	Teachers of the college	Nominated by the Principal based on seniority
1 Member	Educationist. or Industrialist	Nominated by the management
1 Member	UGC Nominee	Nominated by the UGC
1 Member	AICTE Nominee	Nominated by the AICTE
1 Member	State government Nominee	Academician not below the rank of professor or state government official of Directorate of Higher Education/State Council of Higher Education
1 Member	University Nominee	Nominated by the university.
1 Member	Principal of the college	Ex-officio.

Term: Two years, except for the UGC nominee whose term will be a full six years.

#### **ADMINISTRATION**

The smooth functioning of the college is facilitated by three committees-the Governing Body, the Management Team and the Staff Council.

The Governing Body is a policy making body and is entrusted with the management of affairs. The meeting of the Governing Body is held once in year to formulate/ discuss the policies, to make budgetary plans, future development students incentives etc.

## Members of Governing Body

http://www.scient.ac.in/aboutus/category/8

## Members of Society

http://www.scient.ac.in/aboutus/category/9



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## DEPARTMENT ADVISORY BOARD

#### CONSTITUTION AND STRUCTURE

The Institute has constituted Department Advisory Board for each branch of Engineering and Business Management Department.

The Committee Consists of Principal, Head of the Department, senior faculty member in the Department and two experts from Industry.

#### The DAB gives guidelines related to following areas:

- Program Educational Objectives and Program Outcomes
- Academic plans preparation by faculty members for their respective courses allotted by the department
- Thrust areas to conduct Co-Curricular activities
- Topics beyond the syllabus and additional experiments to meet PEOs and Pos
- Functioning of Research & Development committee
- Value added training courses.

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List of Department Advisory Board (DAB) 2020-2021

### **Department of Computer Science Engineering**

S.NO	Name	Category	Contact number
1.	Dr. G. Anil Kumar	Principal	9849306460
2.	Mr. SK.Shafiullah	HOD	94912 00624
3.	Mrs. K.Deepthi	Programme Coordinator (UG)	9030419226
4	Dr. G. P .Rao	Academician	9246372057
5	Dr.K.M.Chakra Varthy	Academician	8309461361
6	Mr. K. Surya Narayana	Industry	8008291555
7	Mr.Ram Sai Jeevan	Industry	7095825290
8	Mr.M.Suresh Babu	Funding Agency	7732074879
9	Mr.Vivek Kulakarni	Professional Body	9866758870
10	Mr.P.AnjiReddy	Parent	9849342681
11	Mrs.P.Naga Malleshwari	Parent	9948950687
12	Mr.K.Vishnu Mahesh Reddy	Alumni	9515973218
13	Ms.P.Sai Bindu Reddy	Alumni	7993467381
14	Ms.P.Niharika	Alumni	9440110744



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### DEPARTMENT ADVISORY BOARD MEETING REPORT

#### **Department of Computer Science Engineering**

#### Report on Department Advisory Board Meeting 2020-2021

#### 21stAugust 2020

The Department Advisory Board Meeting 2020-21 for Department of Computer Science Engineering was organized on 21<sup>st</sup> August 2020 at Board room .The meeting's agenda was to discuss on the following points:

- Department Activity Report
- Changes in Vision, Mission & Course outcomes.
- > PO Attainment Discussion
- Suggestions /Best practices.

The meeting began with introducing all the members of the DAB by Head of the Department - CSE. Later followed by the Department Activities Report presented by Mrs. K. Deepthi, Associate Professor and Programme Coordinator. As the presentation ended the Board members started to discuss the points. The board members agreed that there is no need of change in any of the Vision, Mission & Course outcomes of the department specific courses. The board members were satisfied with the activities carried out in the department. The members suggested the following points:

- Department must encourage every student to participate in extracurricular activities.
- Students from the second Year can be motivated to write research proposals.
- Every student must undergo campus recruitment training
- ➤ Students can be rewarded when they bring laurels to the institution & Toppers can be awarded with Gold, Silver &Bronze medals on Graduation day.

- Mentor can be provided from first year so the student group can publish papers and do project works
- ➤ Members for Placement & Training committee can be nominated from the department.
- No changes need to be done in vision and mission of the department.
- Success rate to be improved by focusing on the students and counsel them for consistent improvement.
- PO Levels have been accepted as suggested by Programme Assessment
   Committee (PAC)
- Mentor concern must monitor the progress from the first year/sem to final year /sem.
- More industrial Visit to be organized for the faculty and students
- ➤ MoU with Data point solutions for UG projects
- More MoU with industry and its allied activities to be planned
- Teaching Learning related documents will be verified by principal and HOD
- Department must have few Industry Experienced faculty
- Students to be encouraged to be members of various professional bodies
- Academic motivation for slow learners by HoD/Sr. Prof.
- Problem oriented paper handling faculty to solve minimum one problem per lecture hour
- Academic motivation to students to be given by faculty.
- Every faculty must have interaction with one industry for industry related academic activities.
- Guest lectures from Industry experts need to be arrange on Emerging Technologies in Computer Science
- New assessment methodologies can be adopted to improve learning.
  The meeting ended with a networking lunch.





### PHOTO WITH DAB members- 2020-21



HOD briefing the department staff.





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#### CSE- MINUTES OF MEETING 2020-21

Sno	Agenda points	Decision taken	Responsibility	Target date	Remarks
1.	Department Activity Report	Department must encourage every student to participate in extra-curricular activities.  Students from the second Year can be motivated to write research proposals.  Every student must undergo campus recruitment training.  Students can be rewarded when they bring laurels to the institution & Toppers can be awarded with Gold, Silver &Bronze medals on Graduation day.  Mentor can be provided from second year so the student group can publish papers and do project works.	HOD/Academic counselor	-	-
1.	Changes in Vision , Mission	MoU with Data point solutions for UG Projects     No changes need to be done		-	-
3.	& outcomes  PO Attainment Discussion	No changes need to be done in vision and mission of the department.  Mentor concern must monitor the progress from the first year/sem to final year/sem.  PO Levels have been accepted as suggested by	HOD/Academic counselor	-	

		Programme Assessment Committee			
4.	Quality Enhancement	More industrial Visit to be organized for the faculty and students     Teaching Learning related documents will be verified by Principal /HOD.     Department must have few Industry Experienced faculty     Students to be encouraged to be members of various professional bodies     Academic motivation for slow learners by HoD	- 300	¥	-
		and faculty  Encourage the innovative projects that meets societal needs  Motivation for students to be given towards research progress.  Every faculty must have interaction with one industry for industry related academic activities.  New assessment methodologies can be adopted to improve learning			

Note (\*): All the agenda points defined for the meeting to be included in the minutes (with a if any agenda point is not relevant for a particular meeting)

Prepared by:

Mrs.K.Deepthi

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#### DEPARTMENT ADVISORY BOARD MEETING REPORT

#### **Department of Electronics & Communication Engineering**

#### Report on Department Advisory Board Meeting 2020-2021

18<sup>th</sup>August 2020

The Department Advisory Board Meeting 2020-21 for Department of Electronics & Communication Engineering was organized on 18<sup>th</sup> August 2020 at Department E-classroom .The meeting's agenda was to discuss on the following points:

- Department Activity Report
- Changes in Vision, Mission & Course outcomes.
- PO Attainment Discussion
- Suggestions /Best practices.

The meeting began with introducing all the members of the DAB by Head of Department - ECE. Later followed by the Department Activities Report presented by Mr. K. Saidulu, Associate Professor and Academic Coordinator. As the presentation ended the Board members started to discuss the points. The board members agreed that there is no need of change in any of the Vision, Mission & Course outcomes of the department specific courses. The board members were satisfied with the activities carried out in the department.

The members suggested the following points:

- Department must encourage every student to participate in extracurricular activities.
- Students from the second Year can be motivated to write research proposals.

- Every student must undergo campus recruitment training.
- ➤ Students can be rewarded when they bring laurels to the institution & Toppers can be awarded with Gold, Silver &Bronze medals on Graduation day.
- Mentor can be provided from second year so the student group can publish papers and do project works.
- ➤ No changes need to be done in vision and mission of the department.
- Mentor concern must monitor the progress from the first year/sem to final year /sem.
- PO Levels have been accepted as suggested by Programme Assessment Committee .
- MoU with Data point solutions for UG projects
- ➤ More MoU with industry and its allied activities to be planned
- > Teaching Learning related documents will be verified by Principal /HOD.
- Department must have few Industry Experienced faculty
- Students to be encouraged to be members of various professional bodies
- Academic motivation for slow learners by HoD and faculty
- Encourage the innovative projects that meets societal needs
- Motivation for students to be given towards research progress.
- Every faculty must have interaction with one industry for industry related academic activities.
- New assessment methodologies can be adopted to improve learning.

The meeting ended with a networking lunch.



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#### List of Department Advisory Board (DAB) 2020-2021

#### **Department of Electronics & Communication Engineering**

S.NO	Name	Category	Contact number
1.	Dr. G. Anil Kumar	Principal	9849306460
2.	Mrs. A. Jhansi Rani	HOD	9849493422
3.	Mr.K. Saidulu	Programme Coordinator (UG)	9866447436
4	Dr. Te javath Rama Krishna	Academician	9963006903
5	Dr. Valluri Prasad	Academician	9849156372
6	Mr. K.Anil Kumar	Industry	9000015628
7	Mr. G. Purna chander Rao	Industry	9296928124
8	Mr. K. Jaya Ram Reddy	Funding Agency	9848135241
9	Mr.V.M.Rao	Professional Body	9849446977
10	Mr.G.Naveen	Parent	9848892765
11	Mr.G.Veera Chandra	Parent	8009805809
12	Mr.G.Sai Shiva	Alumni	8008176041
13	Mr.R.LuckyRam Nayak	Alumni	7702236406
14	Ms.Jyothi	Alumni	9381963358



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PHOTO WITH DAB members- 2020-21



**HOD** –**ECE** briefing the session

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### PHOTO WITH DAB members



# HOD briefing the department staff.



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### ECE- MINUTES OF MEETING 2020-21

Sno	Agenda points	Decision taken	Responsibility	Target date	Remarks
1.	Department Activity Report	<ul> <li>Department must encourage every student to participate in extra-curricular activities.</li> <li>Students from the second Year can be motivated to write research proposals.</li> <li>Every student must undergo campus recruitment training.</li> <li>Students can be rewarded when they bring laurels to the institution &amp; Toppers can be awarded with Gold, Silver &amp; Bronze medals on Graduation day.</li> <li>Mentor can be provided from second year so the student group can publish papers and do project works.</li> <li>MoU with Data point solutions for UG Projects</li> </ul>	HOD/Academic counselor		
2.	Changes in Vision , Mission & outcomes	No changes need to be done			
	PO Attainment Discussion	No changes need to be done in vision and mission of the department.  Mentor concern must monitor the progress from the first year/sem to final year/sem.  PO Levels have been accepted as suggested by Programme Assessment Committee	HOD/Academic counselor	-	-

4.	Quality Enhancement	More industrial Visit to be organized for the faculty and students     Teaching Learning related documents will be verified by Principal /HOD.     Department must have few Industry     Experienced faculty     Students to be encouraged to be members of various professional bodies     Academic motivation for slow learners by HoD		
		and faculty     Encourage the innovative projects that meets societal needs     Motivation for students to be given towards research progress.     Every faculty must have interaction with one industry for industry related academic activities.     New assessment methodologies can be adopted to improve learning		Loc NA

Note (\*): All the agenda points defined for the meeting to be included in the minutes (with a comment of NA if any agenda point is not relevant for a particular meeting)

Prepared by:

Mr.K.Saidulu

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HOD-ECE

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### DEPARTMENT ADVISORY BOARD MEETING REPORT

# Department of Electrical & Electronics Engineering Report on Department Advisory Board Meeting 2020-2021

20th August 2020.

The Department Advisory Board Meeting 2020-2021 for Department of Electrical & Electronics Engineering was organized on 20<sup>th</sup> August 2020 at Department E-classroom. The meeting's agenda was to discuss on the following points:

- Department Activity Report
- Changes in Vision, Mission & Course outcomes.
- > PO Attainment Discussion
- Suggestions /Best practices.

The meeting began with introducing all the members of the DAB by Head of Department - EEE. Later followed by the department activities report presented by Mr.G. Chandra, Assistant Professor and Academic Coordinator. As the presentation ended the Board members started to discuss the points. The board members agreed that there is no need of change in any of the Vision, Mission & Course outcomes of the department specific courses. The board members were satisfied with the activities carried out in the department. The members suggested the following points:

- Department must encourage every student to participate in extracurricular activities.
- Students from the second Year can be motivated to write research proposals.
- Every student must undergo campus recruitment training.

- Students can be rewarded when they bring laurels to the institution & Toppers can be awarded with Gold, Silver & Bronze medals on Graduation day.
- Mentor can be provided from second year so the student group can publish papers and do project works
- No changes need to be done in the vision and mission of the department.
- Success rate to be improved by focusing on the students
- Mentor concern must monitor the progress of the student from first year/ sem to final year /semester
- ➤ PO Levels have been accepted as suggested by Programme Assessment Committee.
- Students must be directed for Campus Recruitment and Training programe.
- ➤ More Industrial Visit to be organized for the faculty and students
- MoU with Data point solutions for UG projects
- ➤ More MoU with industry and its allied activities to be planned
- > Teaching Learning related documents will be verified by Principal and HOD
- > Department must have few Industry Experienced faculty
- > Every faculty should fulfill all the requirements of NAAC Accreditation
- > Students to be encouraged to be members of various professional bodies
- Problem oriented paper handling faculty to solve minimum one problem per lecture hour
- Academic motivation to students to be given by HOD and faculty.
- Every faculty must have interaction with one industry for industry related academic activities and for future internships and jobs
- New assessment methodologies can be initiated to improve learning.

The meeting ended with a networking lunch.







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List of Department Advisory Board (DAB) 2020-2021

#### **Department of Electrical & Electronics Engineering**

S.NO	Name	Category	Contact number
1.	Dr. G. Anil Kumar	Principal	9849306460
2.	Mr. B. Sreenivas	HOD	9000099243
3.	Mr. G. Chandra	Programme Coordinator (UG)	6300794536
4	Dr. K. Naresh Varma	Academician	9701226115
5	Dr. N.Veda Kumar	Academician	8801996877
6	Mr. Md. Nayeem	Industry	8522921006
7	Mr. S. V.Raman	Industry	9440884985
8	Mr. Syed Abdul Gaffar	Funding Agency	7799125104
9	Dr. V. Balu	Professional Body	9676090364
10	Mr.V.Satyanarayana	Parent	9912097461
11	Mr.P.Upender	Parent	9948932098
12	Mr. G.Tana Chary	Alumni	7901268565
13	Mr. P.Gurus wami	Alumni	8309125273
14	Mr. V.Balakrishna	Alumni	8465828238







PHOTO WITH DAB MEMBERS



HOD briefing the department staff.



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#### EEE- MINUTES OF MEETING 2020-21

Sno	Agenda points	Decision taken	Responsibility	Target date	Remarks
1.	Department Activity Report	Department must encourage every student to participate in extra-curricular activities. Students from the second Year can be motivated to write research proposals. Every student must undergo campus recruitment training. Students can be rewarded when they bring laurels to the institution & Toppers can be awarded with Gold, Silver & Brotze medals on Graduation day. Mentor can be provided from second year so the student group can publish papers and do project works. MoU with Data point solutions for UG Projects	HOD/Academic counselor	-	-
2.	Changes in Vision , Mission & outcomes	No changes need to be done	-	-	-
s.	PO Attainment Discussion	No changes need to be done in vision and mission of the department.  Mentor concern must monitor the progress from the first year/sem to final year /sem.  PO Levels have been accepted as suggested by Programme Assessment Committee.	HOD/Academic counselor	-	-

L.	Quality Enhancement	More industrial Visit to be organized for the faculty and students     Teaching Learning related documents will be		
		verified by Principal /HOD .		
		Department must have few Industry     Experienced faculty		
		Students to be encouraged to be members of various professional bodies	100	
		Academic motivation for slow learners by HoD     and faculty		
		Encourage the innovative projects that meets societal needs	1	
		Motivation for students to be given towards research progress.	100	
		Every faculty must have interaction with one industry for industry related academic activities.		
		New assessment methodologies can be adopted to improve learning		

Note (\*): All the agenda points defined for the meeting to be included in the minutes (with a comment of NA if any agenda point is not relevant for a particular meeting)

Prepared by:

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## Hall Marks of SCIENT

- SCIENT boasts of well experienced and highly qualified faculty, state-of-the-art infrastructure, regular placements and well equipped laboratories. The institute has eminent professors from renowned organizations like ECIL, BHEL, JNTU, OU, IITS etc.
- To evolve as a University offering programs of relevance in emerging areas of technology.
- The SCIENT family is committed to the mission and philosophy of the institute, making leaders in the field of science & technology and management, through hard work, honesty and team spirit.
- Develop a campus which promotes higher learning and research.
- Foster a harmonious, cordial and tripartite relationship among the Management, Faculty and Students.
- Encouragement of creative project works in under graduate and post graduate programs.
- Encouragement to take up research & development projects.
- Professional societies, students' chapters of professional bodies, clubs like cultural clubs, literary clubs, art clubs, sports & games clubs, technical clubs and other clubs encourage co-curricular and extra-curricular activities. They are owned and managed by student representatives and are monitored by the faculty in-charge.
- The institute follows continuous evaluation system of students like regular class tests, mock tests, assignments, mid-term examinations, slip tests, seminars, quizzes and laboratory tests.
- Resourceful in giving online inputs for overseas education and training the students for making them industry ready.
- Participation in community development programs under NSS like Haritha haram, Health check-up, Blood Donation camps and so on.



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## Core Values of SCIENT

#### 1. Academic Excellence

Institute strives for the uncompromising quality and highest standard of excellence in teaching, learning and research across various disciplines.

#### 2. Integrity and Ethics

Institute upholds the highest ethical values, integrity and professionalism and an unwavering commitment to academic freedom, transparency and accountability.

#### 3. Diversity and Mutual Respect

Institute nurtures an environment of safety, trust & mutual respect and embeds equality & diversity in its Strategy by ensuring that the strategic plans are fair and inclusive.

#### 4. Expand horizons of Knowledge

Institute is driven by research and innovation and ensures continuous engagement in the scholarly activities in the pursuit of innovation, creativity and excellence.

#### 5. Shared governance

Institute encourages shared decision making through a process that rests upon collaborative consultation, open flow of information, diverse involvement and collective deliberations of all stake holders.

#### 6. Social responsibility

Institute creates and nurtures an inclusive environment where everyone can develop their full potential and contribute to the interest of the society as a whole.

#### 7. Environmental responsibility

Institute is acutely aware of its environmental responsibilities and embraces principle of sustainable development to ensure that any adverse environmental impact of its activities is minimized.

#### 8. Service

Institute seeks to serve the diverse, personal and professional development needs of its constituents and encourage habit of engagement, caring, and civic responsibility by emphasizing a connect between service, excellence, and career growth.



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