

OFFICE OF DEAN (ACADEMIC AFFAIRS)

Ref.: 693E/Dean (AA)/2021 Date: 30.12.2021

Employers Feedback Analysis Report for the Academic Year 2020-21

I) Preamble:

The Institution obtains feedback from employers through various forums viz. (i) through online portal (ii) through participation of employers in the various academic / statutory meetings such as Board of Studies (BoS), School Level Advisory Committee (SLAC), Academic Council etc. These feedbacks were collected and collated in the institute level and important suggestions / comments / remarks given by the employers for enhancing the curriculum & syllabi were considered for further course of action.

II) Participation of Employers in Academic and Statutory Meetings

A. Employers participated in the various academic / statutory meetings conducted viz. BoS, SLAC and Academic Council meetings during June – July 2020 and December 2020 – January 2021 sessions. In addition, also participated in the academic council meetings held on 25.06.2020 and 23.12.2020. The prominent employers / industry icons participated in the academic / statutory meetings are as follows:

S.	Name of the Industry	Industry Expert's Position	Statutory	Department/
No.	Expert		Committee	School
1.	Mr. Suman Dhas	Senior Project Engineer, L & T,	BoS	Civil
		Chennai (Special Invitee)		Engineering
2.	Mr. S.Kavin Kumar	Director ,EPMCR Private Limited,	BoS	Civil
		Chennai (Special Invitee)		Engineering
3.	Dr.G.Balamurugan	Sc 'G', Head – Structural Design	BoS	Aerospace
		Group, NAL, Bangalore		Engineering
4.	Mr. K. Sethubaskaran	General Manager (Engines	BoS	Automobile
		Division), Ford India Pvt. Ltd		Engineering
5.	Mr.V.Sekar	Managing Director	BoS	Polymer
		Formulated Polymers, Chennai		Engineering
6.	Mr. S. Arul Selvan	Delivery Manager – Mechanical	BoS	Polymer
		Design Services,		Engineering
		L&T Services, Chennai		



S. No.	Name of the Industry Expert	Industry Expert's Position Statutory Committee		Department/ School
7.	Mrs.Sabitha Devi	Product Manager, Royal DSM, Chennai	BoS	Polymer Engineering
8.	Mr.Piramuthu Raja Ashok	Sr. Research Engineer Saint Gobain Pvt.Ltd, Chennai	BoS Polymer Engineering	
9.	Mr.M.S.Balasubraman ian	Engineering Manager, BoS I Power transmission and Distribution,		Electrical & Electronics Engineering
10.	Dr.Swarna RavindraBabu,	Coovum Smart Systems and Services Pvt. Ltd, (formerly R&D Head, Samsung), Chennai.	BoS	Electronics & Communication Engineering
11.	Mr. Afaaq Imran	System Specialist, Ericsson, Chennai.	BoS	Electronics & Communication Engineering
12.	Mr.M.Guruprasth	Managing Partner, Smarta Opti Solutions, Chennai	BoS	Electronics & Instrumentation Engineering
13.	Mr.S.Rajkumar	Director, Technology, Ostara Research, Chennai	BoS Electronics & Instrumentation Engineering	
14.	Ms. Anshu Premchand,	Agile & DevOps Practice Head, CTO's Office, Manufacturing & Utilities BG, Tata Consultancy Services, Chennai.	BoS	Computer Science & Engineering
15.	Ms. Preethi Ramesh	Development Engineer Level 4, Comcast India, Engineering Center Chennai.	BoS	Computer Science & Engineering
16.	LogeshVincent	Delivery Manager, South & West,IBMCareer Education SA-4, No 12, Bannerghatta Main Road, Bangalore - 560029	BoS	Computer Science & Engineering
17.	Ms. Preethi Ramesh,	Manager Front end Engineering, Xfinity Mobile Comcast India Engineering Center Chennai	BoS	Computer Science & Engineering
18.	Mr. M. Valluvan,	CEO, Vyasaka Technologies Pvt Ltd, Plot No. 5179, Ram Nagar North Extn, 8th Street, Puzhuthivakkam, Chennai – 91	BoS	Information Technology
19.	Mr. Srihari Sridharan,	Principal Member of Technical Staff, ADP India PVT. LTD., Chennai.	BoS	Information Technology
20.	Mr. S. BharaniDharan,	Project Lead, Accenture	BoS	Computer Applications
21.	Mr. S. Gopinath,	Senior Technical Director, National Informatics Centre, Ministry of Electronics and Information Technology, Govt. of India.	BoS	Computer Applications
22.	Dr. V. Maroudam,	CISGEN, Chennai.	BoS	School of Life Sciences



S.	Name of the Industry	Industry Expert's Position	Statutory	Department/
No.	Expert		Committee	School
23.	Dr. Savithri	Aaranya biosciences, Chennai.	BoS	School of Life
	Shivakumar,			Sciences
24.	Ar. Kavitha Selvaraj,	Director, CRN Architects, Chennai	BoS	Crescent
				School of
				Architecture
25.	Ar. Siva. Anbarasan,	Anbu & Faizal Architect & Interior	BoS	Crescent
		Designers, Chennai.		School of
				Architecture
26.	Ar. Ifthikar,	Principal Designer and Partner,	BoS	Crescent
		Litelab Consultants Pvt Ltd.		School of
				Architecture
27.	Ar. Hussain Lebbai,	Principal designer, Arcos Design	BoS	Crescent
		Studio		School of
				Architecture
28.	Ar. Siva.Anbarasan,	Anbu & Faizal Architect & Interior	BoS	Crescent
		Designers, Chennai.		School of
				Architecture
29.	Mr.S. Vijay Kumar	Managing Director, HR &	BoS	Management
		Management Consultancy, Chennai		Studies
30.	Mr. Sivaraman	Founder, Sarvesh, Chennai,	BoS	Management
	Ambalam	(Special Invitee)		Studies
31.	Mr.S. Vijay Kumar	Managing Director, HR &	BoS	Management
		Management Consultancy, Chennai		Studies
32.	Mr.Sivaraman	Founder, Sarvesh, Chennai.	BoS	Management
	Ambalam			Studies
33.	Mr. N.Karthik	Deputy Chief Manager, The TOI	BoS	Management
		Brand, Times of India, Chennai.		Studies
34.	Mr. S.Vaitheeshwaran	DGM, Automotive Components Business Division,	BoS	Management
		Nissan Trading India Pvt.Ltd.,		Studies
		Chennai.		
35.	Mr. R.Sabarikanth	CEO, Optilase Pvt. Ltd. Chennai 53.	BoS	Physics
36.	Dr. B.Balasundaram,	Vice President and Head-Technical	BoS	Chemistry
		services, Pharmazell Pvt. Ltd.		
37.	Dr. Syed Shaukath	Director (Administration) AFCIL	BoS	Commerce
	Hussain	Industries Ltd		
38.	Mr. R.G. Newton	General Manager: IPR India Filling	BoS	Commerce
	Reginald	PVT Ltd. Chetpet, Chennai		
39.	Dr. Syed Shaukath	Director (Administration) AFCIL	BoS	Commerce
	Hussain	Industries Ltd		
40.	Mr.Mohammed Samiu	South India – Head, Learning Links	BoS	English
	ddin	Foundation, ETS, TOEFL, IBT		
41.	Mr. Newton Reginald	G.M. IPR India Filling (P) Ltd -	BoS	Public Policy
		Academic Expert, Chetpet, Chennai		
42.	Hon'ble Justice G.M.	Justice Retd. High Court of Tamil	BoS	Crescent
	Akbar Ali	Nadu		School of Law
43.	Hon'ble Justice. K.N.	Justice Retd. High Court of Tamil	BoS	Crescent
	Basha	Nadu		School of Law



S. No.	Name of the Industry Expert	Industry Expert's Position	Statutory Committee	Department/ School
44.	Mr. N.Thiyagarajan,	Business Operations, Chennai Elec Cor		School of Electrical & Communication Sciences
45.	Mr.Shaik Abdul Ayaz,	CEO Enarxi Innovations Private Limited, Chennai	SLAC	School of Electrical & Communication Sciences
46.	Mr.Shahir P	Project Engineer-TI - Nokia Networks, Cochin.	SLAC	School of Electrical & Communication Sciences
47.	Ms. Padmavathi R	Project Manager, Jasmin Infotech Pvt. Ltd., Chennai	SLAC	School of Electrical & Communication Sciences
48.	Mr Ganasa,	Managing Director, Keystone Automation solutions private limited, Chennai	SLAC	School of Electrical & Communication Sciences
49.	Mr. C. Balasubramaniam,	Director, Akash Instruments, Chennai.	SLAC	School of Electrical & Communication Sciences
50.	Mrs. Rejisha Damodaran,	Assistant Manager, R&D Dept., Wabco India Ltd., Ambattur, Chennai	SLAC	School of Mechanical Sciences
51.	Mr. Nehal Sanjay	Engineer, Engine division, M & M, Chennai	SLAC	School of Computer, Information & Mathematical Sciences
52.	Mr. K. Sethu Raman,	Founder & Director, PragITech Private Limited, Chennai	SLAC	School of Computer, Information & Mathematical Sciences
53.	Mr. V. Muralidharan,	Associate Manager, Kaar Technologies, Chennai	SLAC	School of Computer, Information & Mathematical Sciences
54.	Mr. Ashok Anand	Sales and Administration Manager	SLAC	School of Computer, Information & Mathematical Sciences



S.	Name of the Industry	Industry Expert's Position	Statutory	Department/
No.	Expert		Committee	School
55.	Mr. Bharani S.V	TN E-Governance Professional	SLAC	School of
		Consultant, Chennai.		Computer,
				Information &
				Mathematical
				Sciences
56.	Mr. Chandra	Entrepreneur	SLAC	School of
	Mouleeswaran			Computer,
				Information &
				Mathematical
				Sciences
57.	Mr. Kavin Kumar,	Director, EPMCR, Chennai	IQAC	
58.	Mr. R. Tamil Selvan	Zone Chairman, PMJF Lion, Lions	IQAC	
		District		
59.	Dr. B. Suresh	CEO, M/s. Mahindra Consulting	Academic	
		Engineers, Chennai	Council	
60.	Mr. Prasath Thupalli	CEO, M/s. Jasmin Infotech Pvt. Ltd.,	Academic	
		Chennai	Council	
61.	Mr. Rajendran	Raconteur & Evangelist,	Academic	
	Dhandapani	M/s. Zoho Corporation, Chennai	Council	

The employers' feedback on curriculum structure, syllabi of courses and introduction of new courses and other academic were deliberated in the respective forums and accordingly noted for further course of action.

Annexure A: Sample minutes of BoS, SLAC and Academic Council presenting participation of employers.

The salient suggestions / modifications given by employers in the above forums are as follows:

- ❖ Modification / revision in syllabi of courses to suit current knowledge levels
- Introduction of courses in emerging technologies
- Starting new programmes based on market demand
- Emphasize for Application oriented curriculum and syllabi

III. Feedback from Institution Website

The following parameters were emphasized in the feedback:

Part I - Work related skills

General communication skills



- Developing practical solutions to rectify problems
- Creative in response to workplace challenges
- Self-motivated and taking on appropriate level of responsibility
- Using technology for growth of organization and workplace equipment
- Technical knowledge / Skill
- Innovativeness, creativity
- Involvement in social activities
- General Attitude
- Working as part of a team
- Planning and Organization skills
- Open to new ideas and learning new techniques
- Ability to contribute to the goal of the organization
- Ability to manage/leadership qualities
- Relationship with seniors / peers / subordinates
- Ability to take up extra responsibility

Part II – Programme related skills

- Curriculum of programme is relevant for Employability
- Syllabus of courses effective in developing skill oriented human resources
- Please rate attainment of programme outcomes (Based on student's performance)
- Your Feedback about Curriculum (courses in the programme) and suggestions for new courses to be introduced
- Curriculum effective in developing innovative thinking
- Effectiveness of curriculum for development of entrepreneurship
- Please rate attainment of course outcomes (Based on student's performance)
- Industry Institute Interaction

Total No. of Participants: 38

Cumulative Average on programme related skills: > 6.5



Figure 1 show the analysis of employers' feedback which was received through Institution website. The important academic related skills viz. developing practical solutions to rectify problems, curriculum effective in developing innovative thinking, Attainment of course outcomes & industry – institute interaction are rated very good by the employers followed by other parameters viz. design of curriculum, technical knowledge & skills, innovativeness & creativeness, attainment of programme outcomes etc.

Annexure B: Sample Employers Online Feedback forms

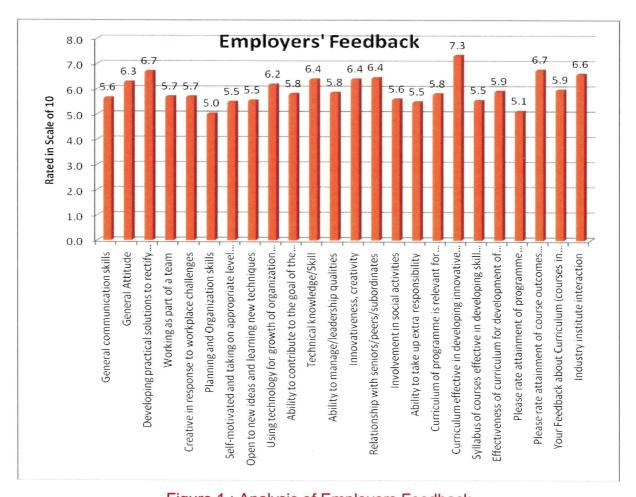


Figure 1 : Analysis of Employers Feedback

Dean, Academic Affairs

DEAN (ACADEMIC AFFAIRS)
B.S. Abdur Rahman Crescent Institute

of Science & Technology Vandalur, Chennai - 600 048, India



SCHOOL OF INFRASTRUCTURE DEPARTMENT OF CIVIL ENGINEERING

Fourteenth Board of Studies Meeting

Date: 02.06.2020, 11.00 a.m.

Minutes of the 14th Meeting of Board of Studies held on 02 June 2020

The Fourteenth meeting of the Board of Studies of Department of Civil Engineering was held virtually through Zoom on 02.06.2020 (Tuesday) at 11.00a.m.

Zoom Meeting Link:https://us02web.zoom.us/j/81415419456

The following members were present during the meeting:

Expert Members

Dr.S.Kothandaraman, Principal, Pondicherry Engineering College, Puducherry.

Dr.V.Rajendran, Director, M/s Hitech Concrete SolutionsPvtLtd, Chennai.

Special Invitee from Industry

Mr. Kumaran Narayanaswamy, CEO & Managing Director, kCube Consultancy Services Pvt. Ltd., Chennai.

Academician and Parent

Dr. R. Baskar, Professor in Civil & Environmental Engineering, Annamalai University, Chidambaram.

Alumni

- Mr. T. Boobesh Kumar, Project Associate Enoahlsolution Pvt. Ltd., Chennai.
- Mr. G. Palvannan, Site Engineer, Bharath Builders Pvt. Ltd., Chennai.



Students

Mr. V. Avinash

Mr. S. Aswinkumar

Mr. R.B. Dharma

Ms. G. Deekshana

Internal Members

Dr. P. Vasanthi, Professor & Dean, School of Infrastructure, (Chairman)

Dr. M.S. Haji Sheik Mohammed, Professor & Dean (AA)

Dr. J. Revathy, Professor and Deputy Dean

Dr. P. Gajalakshmi, Associate Professor

Dr. V. S. Priya, Associate Professor

Dr. A. K. Kaliluthin, Associate Professor, Deputy Director(Estate Office)

Mr. S. Shafeer Ahamed, Assistant Professor

Ms. K. Kanmani, Assistant Professor

Mr. B. Kannadasan, Assistant Professor

Dr. P. Vasanthi, Chairman, BOS, extended a cordial welcome to all the members of Board of Studies. She conveyed about the present AICTEguidelines(2020-2021)regarding offering Minor degree programmes in emerging areas for B.Tech Students of other departments. The civil engineering department has proposed to offer GIS and Remote Sensing given in the list of minor degree programs by AICTE. Dean explained the significance of introducing the minor degree programme in GIS and remote sensing giving the current applications in diversified areas.

The students require additional 18 to 20 credits in the minor degree in addition to the credits for the regular B.Tech programmefor obtaining the Under Graduate Degree in minor area. The curriculum and syllabi of minor degree programme on "GIS and Remote Sensing" was framed after deliberation in the department. After the introductory remarks, the agenda items were taken up for discussion with the members of the Board of Studies.



<u>ITEM 14.1</u>

To consider and approve the Programme Educational Objectives (PEO) and Programme Specific Outcomes (PSO) of Minor degree programme "GIS and Remote Sensing".

The following Programme Educational Objectives (PEO) and Programme Specific Outcomes (PSO)were presented during the meeting:

Programme Educational Objectives (PEOs):

The Programme Educational Objectives (PEOs)of the minor degree programme are

- To provide in-depth knowledge of remote sensing, satellite image analysis, geographic information system (GIS) and Global Navigation Satellite System (GNSS) technologies and their applications in various engineering fields.
- To impart knowledge on choosing and assessing map source information for use in the arrangement or amendment of maps and diagrams to different scales.
- To analyze the satellite data and GIS spatial data for different applications.
- To customize GIS applications that are completely based on specific client needs.

Programme Specific Outcomes (PSOs):

At the end of the programme, the graduates will be able to

- Acquire the ability to analyze the geospatial system that meets desired specifications and requirements, with modern hardware and software tools used in geomatics engineering problems.
- Apply geospatial techniques in global and societal contexts.
- Develop an application in geospatial arena that interprets, analyze data and report results.

Discussion:

The proposal to offer Minor degree programme "GIS and Remote Sensing" was well appreciated by the expert members.



All the expert members accepted the above defined Programme Educational Objectives (PEO) and Programme Specific Outcomes (PSO) of the Minor degree programme "GIS and Remote Sensing".

Action Taken:

The Programme Educational Objectives (PEO) and Programme Specific Outcomes (PSO) of the minor degree programme attached as an **Annexure I.**

ITEM 14.2

To consider and approve the Curriculum and Syllabi of Minor Degree Programme "GIS and Remote Sensing".

The curriculum and the syllabi of the Minor degree programme "GIS and Remote Sensing" was presented by Dean/SOI.

Discussion:

The following suggestions were put forth by Dr. M. S Haji sheik Mohamed, Professor and Dean (Academics), B. S. AbdurRahman Crescent Institute of Science and Technology.

 Android Application Development course title can be reframed with the context to application of remote sensing and GIS.

The following suggestions were put forth by Mr. Kumaran Narayanaswamy, CEO & Managing Director, kCube Consultancy Services Pvt. Ltd., Chennai.

Introduction to Python GIS course contents can be included in the curriculum so
that the different GIS related tasks can be done in Python programming
languagesince it is the need of the industry.



The following suggestions were put forth by Dr.S.Kothandaraman, Principal, Pondicherry Engineering College, Puducherry.

- More web links can be included in the reference in the course syllabus.
- The industry experts canbe invited to deliver some of the latest course contents
- The students can take up their project work in collaboration with the industryso that they will be industry ready to take up jobs.

Action Taken:

- The Android Application Development course title was reframed as "Application of Remote Sensing and GIS".
- Introduction to Python GIS course contents is included in the course "Application of Remote Sensing and GIS".
- Web links are included in the reference textbooks in the course syllabus.
- In the general guidelines for Project work, it is added that the students can also do their project work in collaboration with the industry.

The revised curriculum and syllabi incorporating all suggestions are attached as an Annexure II.



Signature of Members

Dr. S. Kothandaraman

Expert Member

Mr. Kumaran Narayanaswamy

Special Invitee

Mr. B. Kannadasan

Special Invitee

Dr. A. K. Kaliluthin

Internal Member

Dr. P. Gajalakshmi

Internal Member

Dr. J. Revathy

Internal Member

Dr. P. Vasanthi

Valor Che. P

Chairman

DEAN School of Infrastructure B.S. Abdur Rahman

Crescent
Institute of Science & Technology
Vandalur, Chennai-600 048.

Dr. V. Rajendran

Expert Member

Ms. K. Kanmani

Special Invitee

Mr.S.Shafeer Ahamed

Internal Member

VIS-PAEGE

Dr. V. S. Priya

Internal Member

Dr. M.S. Haji Sheik

J. Him Ole.

Mohammed

Internal Member



SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

Date: 26.6.2021

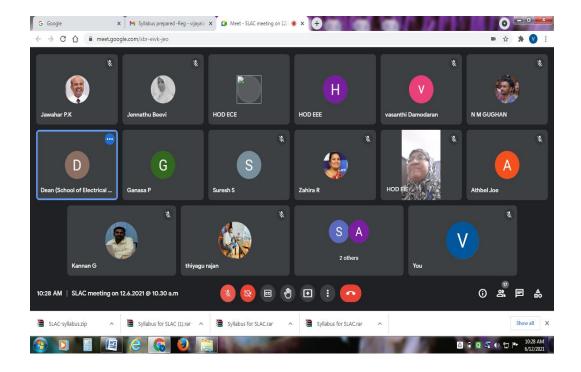
MINUTES OF SCHOOL LEVEL ADVISORY COMMITTEE MEETING (SLAC)

The Sixth School level Advisory committee (SLAC) meeting for the School of Electrical & Communication Sciences, (SECS), B S Abdur Rahman Crescent Institute of Science & Technology was held on 12th June, Saturday, 2021 at 10.30 am through the following 'Gmeet link' – 'meet.google.com/xbr-eivk-jeo'. The following SLAC members attended the meeting and gave their valuable suggestions.

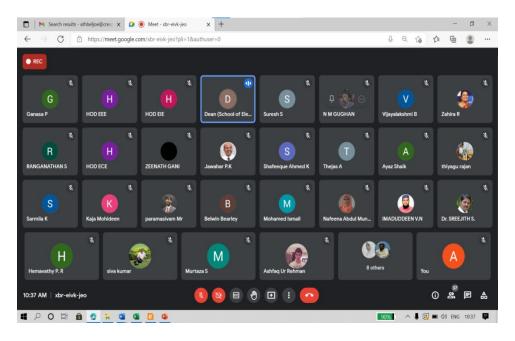
SI.No.	Name / Designation	SLAC Members Designation
1.	Dr. D.Najumnissa Jamal, Prof and Head / EIE, Dean (SECS)	Chairman
2.	Dr.S.Kaja Mohideen, Director (PG Admissions) Senior Professor, ECE dept	Member
3.	Dr. Mohamed Ismail Professor /ECE & Deputy Dean (Academic Affairs)	Member
4.	Dr. Y. Mohammed Shuaib, Assoc. Professor & HoD / EEE	Member
5.	Dr. C.Tharini, Prof. & HOD / ECE	Member
6.	Dr.S.Sreejith Assistant Professor, Department of Electrical and Electronics Engineering, NIT Silchar	External Expert (Academia)
7.	Mr. N.Thiyagarajan, Process Data Engineer, Shell Business Operations, Chennai	External Expert (Industry)
8.	Mr.Shaik Abdul Ayaz CEO Enarxi Innovations Private Limited, Chennai	External Expert (Industry)

9.	Dr.R. Nafeena, Senior Lecturer EEE Department, Villa College, Maldives	Alumni
10.	Mr.K.Sivakumar Ordinance Factory, Tiruchirapalli. (Parent of Rishi Kumar)	Parent
11.	Dr. M. Malleswaran, Head/ECE, Kancheepuram campus, Anna University Nokia,	External Expert (Academia)
12.	Mr.Shahir P, Project Engineer-TI - Nokia Networks, Cochin.	External Expert (Industry)
13.	Ms. Padmavathi R Project Manager, Jasmin Infotech pvt Itd, Chennai	External Expert (Industry)
14.	Mr.Imaduddeen. V. N., System Engineer - Connectivity, ZF WABCO Technology Center India, Porur, Chennai.	Alumni
15.	Ms. Hurmath Naireen, Senior RTL Design Engineering-team lead, Senior RTL Design Engineering-team lead, FLDEC Systems, Chennai	Alumni
16.	Mr.Suresh.K, Deputy Manager, Procurement, Whirlpool of india Ltd.,	Parent
17.	Dr. D.Vasanthi, Associate Professor, Associate Professor, Department of Instrumentation Engineering, MIT, Anna University	External Expert (Academia)
18.	Mr Ganasa, Managing Director, Keystone Automation solutions private limited, Chennai	External Expert (Industry)
19.	Mr. C.Balasubramaniam, Director, Akash Instruments, Chennai.	External Expert (Industry)
20.	Mrs.K.S.Zeenath Gani (Parent of Ayesha Sheerin)	Parent
21.	Mr .Thamimul Ansari, Executive Engineer, Indian Oil, LNG Private Limited	Alumni
22.	Mr. Murthuza, Director, Noble Trade Centre	Alumni
23.	Dr. R. Jayashree, Professor / EEE	Internal Member

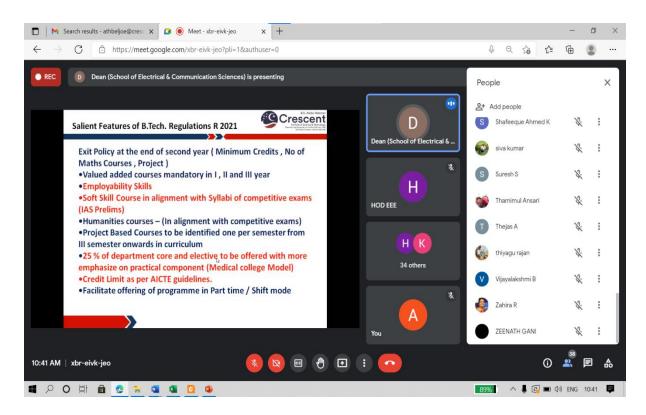
24.	Mrs. Belwin J. Brearley, AP (Sr. Gr.)/EEE	Internal Member
25.	Mrs. S. Jennathu Beevi, AP (Sr.Gr.)/EEE	Internal Member
26.	Mr.C.Athbel Joe, AP/EEE	Internal Member
27.	Dr.A. Paramasivam, AP/EEE	Internal Member
28.	Dr. P.K.Jawahar, Professor / ECE	Internal Member
29.	Dr.B.Vijayalakshmi, Prof. / ECE	Internal Member
30.	Dr. G. Kannan. Associate Prof/ ECE	Internal Member
31.	Mrs.G. Anitha, AP (Sel G) / EIE	Internal Member
32.	Mrs P.R.Hemavathy AP/ (SG) / EIE	Internal Member
33.	Dr.H.Kareemullah AP (SG) / EIE	Internal Member
34.	Mr. S.Ranganathan, IV Year B.Tech. (EEE)	Student member
35.	Mr. N.M. Gughan, IV Year B.Tech. (EEE)	Student member
36.	Ms.Lilly Sheela Irudayaraj, IV Year, B.Tech (ECE)	Student member
37.	Mr. Mohamed Nazeem T, IV Year B.Tech. (ECE)	Student members
38.	Ms.Ayisha Sheerin. S, III Year B.Tech, EIE	Student members
39.	Mr. T.Mohamed Thahseen, II Year B.Tech, EIE	Student members
40.	Mr. T.Mohamed Thahseen, II Year B.Tech, EIE	Student members



Dr.D.Najumnissa Jamal, Dean (SECS) welcomed the external and internal experts and the stake holders. A very brief presentation on the Institute was given. Then she briefed about the importance and highlights of the School Level advisory meeting to deliberate the needs, up gradation and improvement to be carried out in the departments and in the offering programs of the School of Electrical and Communication Sciences, to make revisions in the curriculum and syllabus which will meet the Industry requirements.



The stake holders were briefed about the National Educational Policy (NEP) 2020, its liberal education and she also explained on the different parameters to be included in the curriculum with reference to NEP 2020. Next the Salient features of the B.Tech. Regulations were highlighted as shown below.



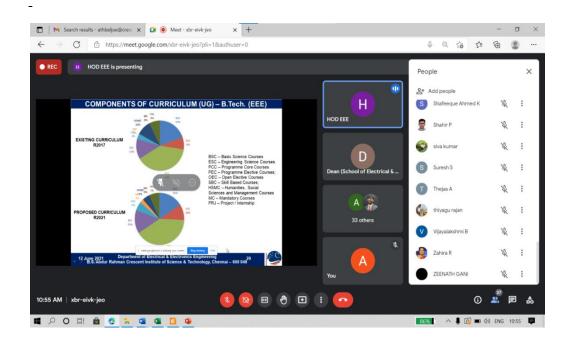
After the brief introduction about the meeting, the Heads of EEE, ECE and EIE departments were invited to brief about the highlights of their department and present the framework of their curriculum R2021 to the stake holders.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

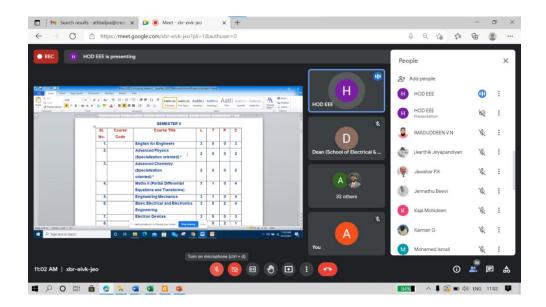
HoD / EEE gave a presentation about the department, its infrastructure and achievements followed by a presentation on the highlights of proposed B.Tech (EEE) under Regulation R2021 curriculum. Few of the presented highlights are:

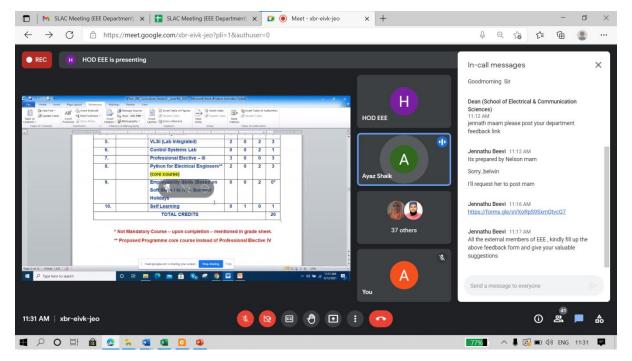
- Choice based credit system.
- Mandatory course on internship.
- Mandatory Self learning course, which forms the prerequisite of project work.
- One project based learning course in each semester.
- Lab Integrated course.

- Credit Transfer from NPTEL
- Mandatory MOOC course as open elective
- Courses on soft skill and employability skill



 HoD / EEE presented the revised curriculum of B.Tech EEE under Regulation R2021and discussed the different components of the curriculum, the improvements made in the curriculum compared to the existing one (R 2017) and the alignment of the curriculum with the AICTE model curriculum (2018).





- Dr. S. Sreejith, AP/EE, NIT Silchar expressed his satisfaction on the emphasis given to project based learning. He also said that the inclusion of the current technology courses such as Python, Electric vehicle and Cloud computing does more justice to the students by helping them to face the industry with confidence.
- Dr. S. Sreejith, AP/EE, NIT Silchar suggested to incorporate the real time electrical applications such as collection of data from PMUs in the Cloud computing course.
- Mr. N.Thiyagarajan, Process Data Engineer, Shell Business Operations also said that a course on operation and Maintenance and trouble shooting, Reliability studies of static Equipments, Risk based inspection, RCM, RCA can be considered and a course on Systems, Applications & Products in Data Processing (SAP tools) may be included in curriculum to fine-tune the students towards the current requirement of industry. He also discussed that the students can use machine learning tools for doing a project which is a vital tool in industries.
- Mr. Gughan, final year student / EEE expressed his satisfaction over the revised curriculum and the placement of Python course as a core course to give the students an edge during their job interviews.

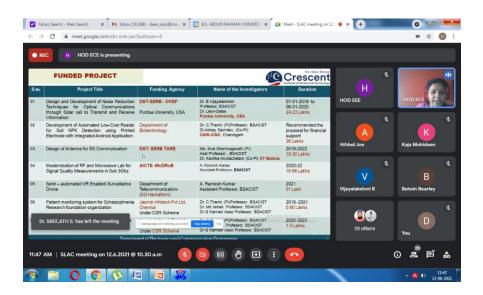
- Mr. Imadudin, Alumni member / ECE pointed out that the department of EEE is rightly included more number of professional elective courses on Electric vehicle considering the future demand for Electrical Engineers in Automobile Industries.
 He added that a course on Battery Management System can also be given as one of the elective courses.
- HoD EEE responded that the department of EEE is also offering a minor degree on Electric Vehicle so as to give an opportunity for other department students to get trained with Electric Vehicle.
- Dr.R. Nafeena, Senior Lecturer, EEE Department, Villa College, Maldives suggested to include a lab course on Sensors and transducers.
- Mr. Shaik Abdul Ayaz, CEO Enarxi Innovations Private Limited, Chennai suggested to encourage the students to do hardware projects incorporating python, SAP etc.
- Finally HoD / EEE shared the syllabi framed for the following courses
 - Basic Electrical and Electronics Engineering for all Engineering branches except B.Tech. Bio-Tech., B.Tech. ECE and B.Tech. EIE.
 - ii. Basic Electrical Engineering for B.Tech. Bio-Technology and B.Tech. Electronics and Instrumentation Engineering
 - iii. Basic Electrical and Instrumentation Engineering for B. Tech. Electronics and Communication Engineering

All the SLAC members expressed their satisfaction over the syllabi.

- However, Dr. S. Kaja Mohideen, Senior Prof. / ECE, Director, PG admissions suggested to include more content on sensors in Module V (Transducers and Sensors) of the course Basic Electrical and Instrumentation Engineering framed for B.Tech (ECE) Programme.
- Finally HoD / EEE thanked the SLAC members for their presence and valuable suggestions.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. C. Tharini, HOD/ECE, presented about the Electronics and Communication Engineering (ECE) Department and highlights of the curriculum frame work of B.Tech ECE (Regulation 2021 - R21) and compared with curriculum of B.Tech ECE (Regulation 2017 – R17).

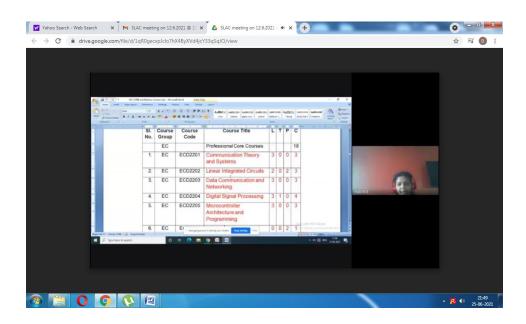


Dr.C.Tharini, HOD/ECE addressing the members

The points highlighted were:

- Components of R21 curriculum
- Competency of R21 curriculum with AICTE, HEI model curriculum.
- Mapping with sustainable development goals
- Details and highlights of professional elective streams such as
 - Rf Communication and Signal Processing
 - VLSI and Embedded Systems
 - Automotive Electronics and Robotics
 - AI, Machine Learning and Deep Learning
- Salient Features of Curriculum:
 - Outcome based Education
 - Choice based credit system
 - Industry internship is made mandatory
 - Laboratory Integrated courses

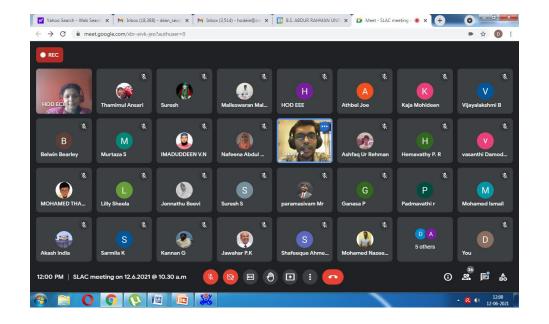
- Credit transfer from MOOC/SWAYAM/NPTEL
- Students can choose interdisciplinary Open Elective Courses
- Entrepreneurship Course is mandatory
- Final semester is fully allocated for Project Work



After due deliberations, the suggestions made by the SLAC members towards the Curriculum and Syllabus of B.Tech ECE (Regulation 2021) are listed below;

Dr. M. Malleswaran, Head/ECE, Kancheepuram campus, Anna University, (External Expert – Academia), appreciated the curriculum structure and suggested to add a course on "IOT for vehicle communication", "RF device reliability".

Mr.Shahir P, Project Engineer-TI - Nokia Networks, Cochin, (External Expert – Industry), appreciated that the R21 curriculum consists of courses relevant to recent technology developments in the area of wireless communication. He recommended to include "Control Systems" as mandatory course if there is a possibility and Python programming to improve the placement Oppurtunities.



Ms. Padmavathi R, Project Manager, Jasmin Infotech pvt Itd, Chennai, (External Expert – Industry), appreciated the course "Control Systems" included in the syllabus. She recommended to include course contents on "Embedded and Real Time Systems" which is very much needed for the Industry. Further she suggested that students must be imparted knowledge on software architecture, data structures and algorithms before teaching C programming. She suggested to include probability and statistics in Random process course as this will be a fundamental for AI courses. She also asked us to encourage students to buy low cost microcontrollers like Aurdino, RPi3 so that they can have more hands on and design some applications.

Mr.Imaduddeen. V. N., (2013-2017) batch B.Tech, ECE, (2017- 2019) batch M.Tech CoS, System Engineer - Connectivity, ZF WABCO Technology Center India, Porur, Chennai, (Alumni), enlightened that nowadays automotive is inseparable with electronics, and therefore a course on "Connected Vehicles", "IoT for Autonomous vehicle", can be included. Course on "Auto SAR", "Embedded linux" and "Product Development and Soft ware life cycle" can be included in professional elective courses.

Ms. Hurmath Naireen, Senior RTL Design Engineering-team lead, Senior RTL Design Engineering-team lead, FLDEC Systems, Chennai, (Alumni), suggested to

include "SOC Architecture' in VLSI Course as it gives helping hand for the final year projects.

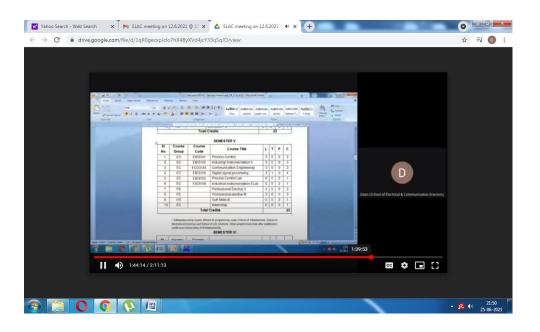
Mr.Suresh.K, Deputy Manager, Procurement, Whirlpool of India Ltd., (Parent) insisted to have scope for more practical trainings and appreciated the inclusion of laboratory integrated courses, project based learning courses and industry internship.

Further HoD informed that the suggestions and feedbacks will be considered in the Twentieth BoS (ECE) meeting for further deliberations and implementations.

The HoD / ECE thanked all the experts who have given their valuable suggestions and Feedbacks.

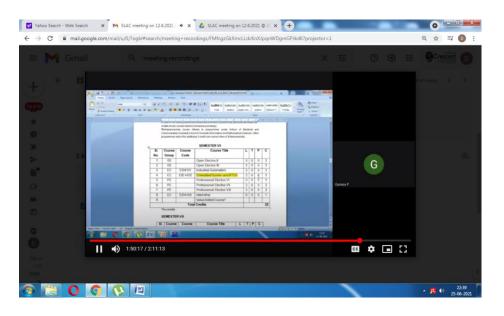
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Dr.D.Najumnissa Jamal, Professor and Head of the Department/EIE, presented the structure of the new curriculum under the regulation 2021.



The following points were discussed by the external experts and students

 Mr.Ganesa, Keystone automation solutions, appreciated the course network analysis and synthesis included in the curriculum. He suggested to give more hands on experience on PLC, DCS and SCADA and have a practical course which will increase the skill set of the students. He mentioned about the importance of Python Programming, C programming, C sharp, C++, Data base can be included as mandatory course. Can keep python programming as core course. Matlab and data analyzing tools like SAP also need to be included in the curriculum.



Suggestions from Mr Ganasa

- Dr,D.Vasanthi asked the faculty to bring the course Network Analysis and Synthesis to next semester or to reduce complexity of the course. She also suggested that the VI semester core courses are limited and can add a core course there. She suggested to add the topic Industry 4.0 and "Introduction to IoT" in Industrial Automation course. The course Instrumentation system design can be a laboratory component.
- Mr.Balasubramaniyan, Akash Instruments, suggested to add the courses Instrumentation and control in Pharmaceutical industries, Instrumentation and control in cement industries. SAP is maintained by the Instrumentation Industries where SAP has to be included in EIE department curriculum. Also IoT is upcoming in every industry. He discussed about the Safety Instrumentation and Environmental Control, is emphasized.

Mr. Murtuza, Alumni, suggested Safety Instrumentation to be brought to the core.
 He also suggested that Robotics and Automation maybe shifted as a core course because industry 4.0 is automating all the processes.

 Mr.Thamimul Ansari appreciated that the curriculum is covering all necessary courses related to Instrumentation. He also suggested to bring the course Piping and instrumentation diagrams as main core / as one module in any course. He asked to arrange more industrial visits.

 Mr.Malleswaran asked to add the course "Space and Navigational Instrumentation" as program elective where students can do projects using accelerometer, gyroscopes, GPS sensor.

The Head of Electronics and Instrumentation thanked the experts for giving their valuable suggestions. She also requested the Heads of the EEE, ECE and EIE department to discuss the same in their Board of studies for implementing the suggestions given by the experts. Dr. Tharini, Head of ECE department proposed the vote of thanks. All the stake holders were asked to fill in the feedback forms with their suggestions.

7 20.0.202

Dr.D.Najumnissa Jamal Dean (SECS)



Minutes of the Sixteenth Meeting of the Academic Council

Date & Time: 23.12.2020, 10.00 a.m. Online Meeting

The sixteenth meeting of the Academic Council was convened on 23.12.2020 at 10:00 a.m. through online. The online mode was necessitated due to the continuance of pandemic conditions. The link for the meeting was: https://us02web.zoom.us/j/86116781543. The following members attended the meeting:

- 1. Dr. A. Peer Mohamed, Pro Vice-Chancellor & Vice Chancellor (In-charge)
- 2. Dr. A. Azad, Registrar
- 3. Prof. C. Thangamuthu, Former Vice Chancellor Bharathidasan University, Trichy
- 4. Dr. V. Jagadeesh Kumar, Professor of Electrical Engineering & Dean Academic Courses, IIT Madras, Chennai.
- 5. Prof. R. Raju, Professor, Industrial Engg, Anna University, Chennai
- 6. Dr. B. Suresh, MD & CEO, M/s. Mahindra Consulting Engineers Ltd., Chennai
- 7. Mr. Siva Sankara Prasad Thupalli, M/s. Jasmine Infotech Pvt. Ltd., Chennai
- 8. Mr. Rajendran Dandapani, Evangelist and Raconteur, Zoho Corporation, Chennai
- 9. Dr. M.S. Haji Sheik Mohammed, Dean, Academic Affairs
- 10. Dr. I. Raja Mohamed, Dean, Research
- 11. Dr. Karthikeyan Ramalingam, Dean, Student Affairs
- 12. Dr. M. Munir Ahamed Rabbani, Controller of Examinations
- 13. Dr. Vasanthi Padmanaban, Dean, School of Infrastructure
- 14. Dr. S. Rasool Mohideen, Dean, School of Mechanical Sciences
- Dr. D. Najumnissa Jamal, Dean, School of Electrical and Communication Sciences
- 16. Ar. G. Jayalakshmi, Dean, Crescent School of Architecture
- 17. Dr. S. Kutti Rani, Dean, School of Physical & Chemical Sciences
- 18. Dr. Ayub Khan Dawood, Dean, School of Social Sciences & Humanities
- 19. Dr. Venkatesan Selvam, Dean, School of Computer Information & Mathematical Sciences
- 20. Dr. P.S. Syed Masood Jamali, Dean, School of Islamic Studies
- 21. Dr. S. Hemalatha, Dean, School of Life Sciences
- 22. Dr. K. Srinivasan, Dean, Crescent School of Business
- 23. Dr. H. Abdul Azeez, Dean, Crescent School of Law
- 24. Dr. M. Vijaya Vara Prasad, Dean, Crescent School of Pharmacy
- 25. Mr. V.N.A. Jalal, Senior General Manager



SCHOOL OF SOCIAL SCIENCE AND HUMANITIES DEPARTMENT OF ENGLISH

Item 16.7

To consider and approve the recommendations of the Board of Studies of the Department of English.

Item 16.7.1

To consider and approve the revision in curriculum and syllabi of fourth semester courses of BA English (Hons.).

Note on Agenda:

The revised curriculum and syllabi of IV semester courses were presented in the Board of Studies of Department of English. These revisions were discussed and the board has recommended the same for approval.

These revisions are to be implemented from the Academic Year 2020-21 onwards.

The revised curriculum and syllabi of the IV semester courses are given in **Annexure 16.7.1.**

The Academic Council may consider and approve the same.

Resolution:

The agenda item was approved.

Item 16.7.2

To consider and approve the revision in syllabi of courses ENC 1131 Social History of England, ENC 1233 American Literature - I and ENCX 02 Creative Writing of BA English (Hons.).

Note on Agenda:

As per the feedback of students and faculty members handling the courses of semesters I and II, minor revisions were made in the following courses:

- ENC 1131 Social History of England
- ENC 1233 American Literature I
- ENCX 02 Creative Writing

The revised syllabi of the above courses were presented in the Board of Studies of Department of English. These revisions were discussed and the board has recommended the same for approval.

These revisions are to be implemented from the Academic Year 2020-21 onwards.

The revised curriculum and syllabi of the IV semester courses are given in **Annexure 16.7.2.**



The Academic Council may consider and approve the same.

Discussions:

Dr. B. Suresh suggested including Technical English so that this programme can be promoted in a better way. Mr. Rajendran Dandapani informed that during this COVID conditions employees working from home felt very difficult in expressing through mails. Hence he suggested that graduates be given a lot of training in formal writing and presentation. He also insisted that importance be given to written & oral communication skills.

Prof. Thangamuthu suggested that engineering students can be provided with the option of doing dual programmes with B.A. English as the second programme. Such steps will improve the visibility of the programme.

Resolution:

After detailed deliberations, the agenda item was approved.

SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES DEPARTMENT OF CHEMISTRY

Item 16.8

To consider and approve the recommendations of the Board of Studies of the Department of Chemistry.

Item 16.8.1

To consider and approve the course Chemistry of Data Storage and Transmission for inclusion in the curriculum of B.Tech. Artificial Intelligence and B.Tech. CSE (IoT) under Regulations 2017.

Note on Agenda:

The course Chemistry of Data Storage and Transmission is introduced as chemistry course in the curriculum of B.Tech. Artificial Intelligence and B.Tech. CSE (IoT), under Regulations 2017.

The syllabi of courses were deliberated in the Board of Studies of Department of Chemistry and the board recommended the same for approval.

The syllabus is given in **Annexure 16.8.1.**

The Academic Council may consider and approve the same.

Discussions:

Prof. Thangamuthu suggested starting new programmes in biomedical specialization which will facilitate the introduction of medical college in the due course of time.

Resolution:

The agenda item was approved, after deliberations.



SCHOOL OF ARABIC AND ISLAMIC STUDIES

Item 16.12

To consider and approve the recommendations of the Board of Studies of the School of Arabic and Islamic Studies.

Item 16.12.1

To consider and ratify the revision of curriculum and syllabus of B.A. Islamic Studies and M.A. Islamic Studies.

Note on Agenda:

The curriculum and syllabi of BA Islamic Studies and MA Islamic Studies was revised with minor changes in curriculum and syllabi of some courses. These revisions were discussed in the Board of Studies of the School of Arabic and Islamic Studies and the board has recommended the same for approval.

These revisions are to be implemented from the Academic Year 2020-21.

The revised curriculum and syllabi of the courses are given in Annexure 16.12.1.(a) and 16.12.1(b).

The Academic Council may consider and ratify the same with effect from Academic Year 2020-21.

Resolution:

The agenda item was ratified.

Any other item:

- Dr. B. Suresh suggested that urbanized agriculture and horticulture projects can be thought of as part of expansion of the institution.
- Mr. Rajendran Dhandapani also recommended building a rapport with eminent institutions of Agriculture for the activities undertaken by CIIC in terms of farming.

Vote of thanks by Registrar

The Registrar thanked all the members of Academic Council, in particular, the expert members from academia and industry for their valuable time, active participation and excellent suggestions for the holistic development of the Institution.

REGISTRAR

VICE CHANCELLOR



Annexure B: Sample Employers Online Feedback forms

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Employers Feedback

Name of the Employer*

Dear Employer,

We are Thankful to you for providing many of our graduates with employment in your prestigious Company/Organization. We shall very much appreciate and be grateful to you if you could spare some of your valuable time to fill up this feedback form. It will help us to improve the Institution further and give you best employees in future.

Address of the Employer*

1 7				
sony india pvt ltd	6TH FLOOR ,CENTINAL SQUARE,6A DR.AMBEDKAR ROAD,KODA			
Employer Contact No:*	Employer Mail ID*			
7358999730	CH.UDSCHENNAI@SONY.COM			
Name of the Firm / Company*	Name and Designation of the Respondent*			
RETAIL INDUSTRY	ASSISTANT HR MANAGER-HR			
Part I - Work related skills				
General communication skills	General Attitude			
Good	Good			
Developing practical solutions to rectify problems	Working as part of a team			
Excellent	Good			
Creative in response to workplace challenges	Planning and Organization skills			
Good	Good			
Self-motivated and taking on appropriate level of				
responsibility Good	Open to new ideas and learning new techniques Very Good			
	very Good			
Using technology for growth of organization and	Ability to contribute to the goal of the expenientian			
workplace equipment Good	Ability to contribute to the goal of the organization Good			
Technical knowledge / Skill Good	Ability to manage/leadership qualities Good			
Innovativeness, creativity	Relationship with seniors / peers / subordinates			
Good	Y Good Y			
Involvement in social activities	Ability to take up extra responsibility			
Good	♥ Good			

Part II - Programme related skills Curriculum of programme is relevant for Employability Curriculum effective in developing innovative thinking Good Good Syllabus of courses effective in developing skill Effectiveness of curriculum for development of oriented human resources entrepreneurship Satisfactory Good Please rate attainment of programme outcomes (Based Please rate attainment of course outcomes (Based on on student's performance) student's performance) Good Good Your Feedback about Curriculum (courses in the programme) and suggestions for new courses to be introduced Industry Institute Interaction Good Good Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced Any other suggestions D WT 2 DWT2 Submit SITEMAP **ADMISSIONS** Undergraduate Postgraduate International admissions NRI Admissions Ph.D Admissions **RESEARCH** Ph.D Admissions Academic Research Sponsored Projects & Consultancy **INSTITUTE**

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Employers Feedback

Dear Employer,

We are Thankful to you for providing many of our graduates with employment in your prestigious Company/Organization. We shall very much appreciate and be grateful to you if you could spare some of your valuable time to fill up this feedback form. It will help us to improve the Institution further and give you best employees in future.

Name of the Employer*	Address of the Employer*
Employer Contact No:* 8056017556	Employer Mail ID* prasannaji.appanraj@fisglobal.com
Name of the Firm / Company* FIS	Name and Designation of the Respondent* Associate Director - Talent Acquisition
Part I - Work related skills	
General communication skills Very Good	General Attitude Very Good
Developing practical solutions to rectify problems	Working as part of a team
Very Good	▼ Very Good
Creative in response to workplace challenges Very Good	Planning and Organization skills Very Good •
Self-motivated and taking on appropriate level of responsibility	Open to new ideas and learning new techniques
Very Good	∨ Good ∨
Using technology for growth of organization and workplace equipment Very Good	Ability to contribute to the goal of the organization Very Good
Technical knowledge / Skill Good	Ability to manage/leadership qualities Good Good Good
Innovativeness, creativity Good	Relationship with seniors / peers / subordinates Very Good
Involvement in social activities	Ability to take up extra responsibility
Very Good	✓ Very Good ✓

Part II - Programme related skills Curriculum of programme is relevant for Employability Curriculum effective in developing innovative thinking Select Select Syllabus of courses effective in developing skill Effectiveness of curriculum for development of oriented human resources entrepreneurship Select Select Please rate attainment of programme outcomes (Based Please rate attainment of course outcomes (Based on on student's performance) student's performance) Select Select Your Feedback about Curriculum (courses in the programme) and suggestions for new courses to be introduced Industry Institute Interaction Select Select Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced Any other suggestions PFPG **PFPG** Submit SITEMAP **ADMISSIONS** Undergraduate Postgraduate International admissions NRI Admissions Ph.D Admissions **RESEARCH** Ph.D Admissions Academic Research Sponsored Projects & Consultancy **INSTITUTE**

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