TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

(TEQIP PHASE-II, SUBCOMPONENET 1.1)

REVISED INSTITUTIONAL DEVELOPMENT PROPOSAL UNDER SUB-COMPONENT 1.1

(Upto 31st October 2016)

(PART-I and PART-II)

"Strengthening Institutions to Improve Learning Outcomes And Employability of Graduates"

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

((A Unit of Nitte Education Trust (R), Mangalore)
An Autonomous Institution, Approved by UGC/AICTE/Govt. of Karnataka
Affiliated to the Visvesvaraya Technological University, Belgaum

Accredited By National Board of Accreditation(NBA)
&
National Assessment and Accreditation Council (NAAC)(Tier-I)
P.B. No. 6429, Yelahanka, Bangalore-560 064, Karnataka, India
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(TEQIP PHASE-II, Sub Component 1.1)

Contents:

	PART-I	
Sl.No.	**Description**	**Page**
1	About Nitte Education Trust and NMIT	05
2	Vision, Mission and Quality Policy	06
3	Certificates: 1.Principal's Certificate 2.No Capitation Fee Certificate 3. BOG Endorsement of IDP Certificate 4. Certificate for Delegation of Authority 5. Funds Certificate	07-11 07 08 09 10 11
4	Composition of Board of Governors Table-1: Specific TEQIP-II requirements	12
5	Table-2: Full Composition of Board of Governors in the Institutions	13-14
6	Table-3 : Status of Academic Programmes	15
7	Table- 4 : Status of Faculty Associated with Teaching Engineering Students (Regular & Contract) as on April 30, 2011	16
8	Table -5: Details of Faculty	17-23

			PART-II	
Sl.No			**Description**	**Page**
1			Institutional Basic Information	24-27
	1.1		Institutional Identity	24
	1.2		Academic Information	25-26
	1.3		Faculty Status (Regular/ On contract Faculty) as on March 31st, 2010	27
	1.4		Baseline Data Parameters	28
2			Revised Institutional Development Proposal (IDP)	29-159
	2.1		Give the Executive Summary of the IDP	29
		a)	Details of SWOT Analysis Carried out	31
		b)	Based on SWOT analysis, Provide the "Strategic Plan" Developed for Institutional development.	34
		c)	How the Key Activities Proposed in the Institutional Development Proposal are linked with the Results of SWOT Analysis	35
	2.3		State the Specific Objectives and Expected Results of your Proposal in terms of, "Institutional strengthening and Improvements in Employability and Learning outcomes of Graduates". These Objective and Results should be linked to the SWOT analysis.	38
	2.4		Action Plan for;	40
		a)	Improving Employability of graduates.	40
		b)	Increased Learning Outcomes of the Students	42
		c)	Obtaining autonomous Institution status within 2 Years	44
		d)	Achieving the Targets of 60% of the Eligible UG and PG Programmes accredited by the End of Two Years and 100% accreditation Obtained and Applied for by the end of the Project of the Eligible UG & PG Programmes.	44

		e)	Implementation of Academic and Non academic Reforms	46
		f)	Improving interaction with industry	54
		g)	Enhancement of Research and Consultancy Activities	55
	2.5		Action Plan for Improving the Academic Performance of SC/ST/OBC/academically Weak Students Through Innovative Methods, such as Remedial and Skill development Classes for Increasing the Transition Rate and Pass Rate with the Objective of Improving their Employability.	58
	2.6		Action Plan for Strengthening of PG Programmes, if any and Starting of new PG Programmes.	63
	2.7		Attach the Summary of Training Needs Analysis Carried out. Also provide Faculty Development Plan for the First 18 Months for Improving their Teaching, Subject Area and Research Competence Based on Training Needs Analysis (TNA) in the Following Areas.	66
	2.8		Action Plan for Training Technical and Other Staff in Functional Areas.	141
	2.9		Describe the Relevance and Coherence of Institutional Development Proposal with State's/National (in case of CFIs) Industrial /Economic Development Plan.	143
	2.10		Describe Briefly the Participation of Departments/Faculty in the Proposal Preparation and Implementation.	145
	2.11		Describe the Institutional Project Implementation Arrangements.	146
	2.12		Institutional Budget.	149
	2.13		Targets Against the Deliverables Listed in Table-30.	151
	2.14		Indicate the Action Plan to Ensure that the Project Activities would be Sustained After the End of the Project.	153
	2.15		Procurement Plan for the First 18 Months for Goods / Civil Works in Table-4 and Consultancy Services Including Pedagogical Training in Table-5 with Budget and Timeframe.	154
	2.16		Any Other Information Related to Special Academic Achievements as Given in Eligibility Proposal of the Institution.	158
	2.17		Action Plan (Financial)	160

Index Table for Evaluation Parameters

Sl. No			Parameters	Page
I	A		Institutional Basic Information Including Baseline Data	24-27
	B	1	Procedure adopted for conducting the SWOT analysis and participation of the Stakeholders:	31
		2	Identification of Strengths, Weaknesses, Opportunities and Threats	32
	C	1	Identification of Development Objectives, Related Specific Objectives, their Expected Results, and its Coherence with SWOT Analysis	38
		2	Identification of Key Activities and Each of its Specific Objectives	35
		3	Institutional Project Implementation Arrangements	146
	D		Coherence of Proposal with State's/Regional Development Plan.	143
II	E	1	Obtaining Autonomous Institution and Exercising of Autonomy	44
		2	Proposed Action for Obtaining Accreditation of UG and PG Programmes	44
		3	Action Plan to Implement Academic and Non Academic Reforms	46
	F		Improving Learning Outcomes of Students in terms of Higher Pass Rates and Higher Academic Achievements	42
	G		Identification of Weak Students and for Improvement in their learning outcomes	58
	H		Improving Employability of Graduates	40
	I		Strengthening of Existing PG programmes and Starting of New PG Programmes	63
	J	1 2	Development Faculty in Subject Domain Development of Teaching Staff in Subject Domain	70
	K		Enhance Interaction with Industry	54
III	L		Quality of Faculty	17-23
	M		Status of Faculty	17-23

Nitte Education Trust:

Nitte Meenakshi Institute of Technlogy is a college under the banner of Nitte Education Trust ®(NET) Mangalore, Karnataka who are pioneers in the field of education since 30 years. NET has a wide and rich experience in education. Within the fold of NET are the Nitte University and Institutions of higher education like Engineering, Management, Medicine, Dental, Pharmaceuticals, Paramedical colleges, and several schools in Mangalore. In totality there are about 10,000 students and 3500 Employees. NET was founded in 1979 by the committed philanthropist and legal luminary, Justice K S Hegde who strongly believed that education was pivotal to the progress of a community. The group includes the well-known industrialist, Mr. N Vinay Hegde and eminent educationist, Dr. N R Shetty who share the same belief and commitment to the cause of education and community development. Since inception, the mission continues to reflect the vision of its founding father in an ever widening manner.

NMIT:

Nitte Meenakshi Institute of Technology(NMIT) is an Autonomous Institution approved by UGC / AICTE / Govt. of Karnataka and affiliated to the Visvesvaraya Technological University, Belgaum. NMIT is Accredited by National Assessment and Accreditation Council (NAAC) for a period of 5 Years from 2014-15. Five Programs of NMIT have successfully undergone Accreditation by National Board of Accreditation under Tier-1 Scheme and obtained the accreditation status as per Washington Accord. NMIT was started in the year 2001 to cater to the needs of the Engineering Professional for the Global Market. The Institution is growing from strength to strength under the broad parasol of Nitte Education Trust.

The sprawling NMIT campus at Bangalore is located on 23 acres of land. The campus is a sylvan learning center located off the International Airport road near Yelahanka, Bangalore.

Vision:

To provide India and World, technical man power of highest academic excellence by shaping our youth through holistic and integrated education of the highest quality.

Mission:

To develop Nitte Meenakshi Institute of Technology through quality, innovative and state of the art educational initiatives into a centre of academic excellence that will turn out youth with well balanced personality and commitment to rich cultural heritage of India and who will successfully face the scientific and technological challenges in the fast evolving global scenario with a high degree of credibility integrity and ethical standards.

Quality Policy:

To bring about Constant and Continuous Improvement in the Quality of Education Imparted and Turning out High Quality Professionals with Balance and Globally Competitive Personality through Regular Monitoring of the Academic/Administrative Activities of the Institution and Implementing Corrective Actions in the Best Transparent Traditions.

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution, Affiliated to VTU, Belgaum,
Approved by AICTE, New Delhi & Govt. of Karnataka)
Accredited by NBA (AICTE), New Delhi
Yelahanka, Bangalore - 560064

Principal's Certificate

This is to certify that the information provided in the Revised Institutional Development Proposal under sub-component 1.1, "Strengthening Institutions to Improve Learning Outcomes and Employability of Graduates" under TEQIP Phase-II is factually correct to the best of my knowledge.

Date:18.04.2015 (Dr. H. C. Nagaraj)

Place:Bangalore

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

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Yelahanka, Bangalore - 560064

No Capitation Fee Certificate

This is to certify that Nitte Meenakshi Institute of Technology, Bangalore does not collect capitation fee in any form.

Date:18.04.2015 (Dr. H. C. Nagaraj)

Place:Bangalore

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Yelahanka, Bangalore - 560064

BOG Endorsement of IDP Certificate

This is to certify that Board of Governors has approved the Revised Institutional Development Proposal prepared by the college for TEQIP Phase-II under sub-component 1.1:"Strengthening Institutions to Improve Learning Outcomes and Employability of Graduates", in its meeting dated 13/04/2015

Date:18.04.2015 (Dr. H. C. Nagaraj)

Place:Bangalore

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(An Autonomous Institution, Affiliated to VTU, Belgaum,
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Yelahanka, Bangalore - 560064

Certificate for Delegation of Authority

This is to certify that Board of Governors has resolved to authorize Principal and the TEQIP Co-ordinator to implement the Institutional Development Proposal (IDP) as submitted.

Date:18.04.2015 (Dr. H. C. Nagaraj)

Place:Bangalore

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Funds Certificate

This is to certify that the management of Nitte Meenakshi Institute of Technology has agreed to contribute its share of 20% for project implementation and further has already set up separate funds under the following heads:

1. Corpus Fund
2. Faculty Development Fund
3. Replace of Equipments Fund
4. Maintenance Fund

Date:18.04.2015 (Dr. H. C. Nagaraj)

Place:Bangalore

Composition of Board of Governors

Table-1: Specific TEQIP-II Requirements:

Name of Member of BoG	Qualifications and Position in the Current Engagements	Position in the BoG
Chairperson		
Mr. N.V. Hegde	B.Sc., Industrialist (Chairman & M.D. Lamina group of Industries Mangalore) Former Chairman BOG, NITK Surathkal.	Chairman
Two Faculty Members of the Institution:		
Prof. K.A. Ranganatha Setty	M.Tech, M.Sc.(Engg) Dean (Academic),NMIT	Member
Dr. Ravi Kumar H.M.	Ph.D. (IIT) Prof and Head Dept of EEE, NMIT	Member
One Nominee of the UGC.		
Dr. R.P Dahiya	Former Director MNIT, Jaipur Centre for Energetic Studies Indian Institute of Technology Hauz Khas, New Delhi-110016	Member
One Nominee of the State Government.		
Dr.G.Pundarika	Principal, Govt Engineering College, Ramanagara.	Member
One Nominee of the University to which the Institution is affiliate		
Prof.L.M.Patnaik	Hon'ble Vice-Chancellor Defence Institute of Advanced Technology(DIAT) Girinagar,Pune-412101 Maharashtra	Member

Compliance Check Questions:

1.	Is the Chairperson an eminent educationist or Industrialist?	**YES**	
2.	Is the Chairperson an employee of the Institution?		**NO**
3.	Is the Chairperson a serving Government Official?		**NO**
4.	Is the Chairperson an elected peoples' representative?		**NO**

Table-2: Full Composition of Board of Governors in the Institutions:

Sl. No	Name of Member of BoG	Qualifications and position in the current engagements	Position in the BoG	Nominated By
Chairperson:				
1	Mr. N.V. Hegde	B.Sc. Industrialist (Chairman & M.D. Lamina group of Industries Mangalore) Former Chairman BOG, NITK Surathkal.	Chairman	
Members of the Trust:				
2	Dr.N.R.Shetty	Ph. D. (Dept. of Electrical Engg., IIT, Bombay) . 1.President ISTE, New Delhi. 2.Former Principal,KREC Surathkal. 3.Former Vice Chancellor, Bangalore University.	Member	Management
3	Sri.Vishal Hegde	BBM Industrialist . Trustee, Nitte Education Trust, Mangalore	Member	Management
4	Mr.Rajendra.M.	B. Com (Charterd Accountant), Director(Finance & Planning), Nitte Education Trust,Mangalore	Member	Management
5	Dr. P. N. Singh	Ph.D. (IIT,Kanpur) Former Director NITK, Surathkal	Member	Management
Two faculty members of the Institution:				
6	Prof. K.A. Ranganatha Setty	M.Tech, M.Sc.(Engg) Dean (Academic),NMIT	Member	Management
7	Dr. Ravi Kumar H.M.	Ph.D. (IIT) Prof and Head Dept of EEE, NMIT	Member	Management
Educationists or Industrialists:				
8	Dr.K.D.Nayak	Ph.D. (IIT,Bombay). **Outstanding Scientist &Chief Controller R&D** (MED &MIST),Ministry of Defence Research & Development	Member	Management

		Organization ,New Delhi		
9	Prof. S. Mohan	Ph.D. (IISC, Bangalore). **Educationist .** Professor Dept of Instrumentation and Applied Physics, IISc.	Member	Management
One nominee of the State Government:				
11	Dr.G.Pundarika	Principal, Govt Engineering College,Ramanagara	Member	State Government
One nominee of the University to which the Institution is affiliated:				
12	Prof.L.M.Patnaik	Ph.D. (IISc , Bangalore) Hon'ble Vice-Chancellor Defence Institute of Advanced Technology(DIAT) Girinagar,Pune-412101 Maharashtra	Member	Visweswaraya Technological University, Belgaum
13	Dr. R.P Dahiya	Former Director MNIT, Jaipur Centre for Energetic Studies Indian Institute of Technology Hauz Khas, New Delhi-110016	Member	UGC Nominee
Head of the Institution, Ex-officio:				
	Dr.H.C.Nagaraj	Ph.D. (IIT,Madras) Principal, NMIT, Bangalore	Member Secretary	

Academic Information

Table-3: Status of Academic Programmes:

Sl No	Title of programme	Level (UG/PG/ Ph.D)	Duration (Years)	Year of starting	AICTE Sanctioned intake by year				AICTE required faculty per programe	Current Total Strength of students in each programme
					2011-12	2012-13	2013-14	2014-15		
1	B.E- E&CE	UG	4	2001	120	180	180	180	44	754
2	B.E-CS&E	UG	4	2001	120	180	180	180	44	801
3	B.E- IS&E	UG	4	2001	60	60	120	120	24	380
4	B.E -E&EE	UG	4	2001	60	60	60	60	16	241
5	B.E- ME	UG	4	2002	120	180	180	180	44	758
6	B.E- CIVIL	UG	4	2009	60	60	120	120	24	414
7	B.E-AERO	UG	4	2011	60	60	60	60	16	231
8	M.Tech (VLSI)	PG	2	2007	-	-	18	18	03	37
9	M.Tech (CSE)	PG	2	2008	-	-	36	36	06	61
10	M.Tech (Thermal Engg)	PG	2	2010	-	-	18	18	03	31
11	M.Tech (CNE)	PG	2	2012	-	-	18	18	03	29
12	M.Tech (DCN)	PG	2	2012	-	-	18	18	03	31
13	M.Tech (Structure)	PG	2	2013	-	-	24	24	04	46
14	M.Tech (MD)	PG	2	2013	-	-	24	24	04	35
15	CSE	Ph.D	3	2009	-	-				07
16	ECE	Ph.D	3	2006	-	-				23
17	ME	Ph.D	3	2008	-	-				09
18	ISE	Ph.D	3	2012	-	-				08
19	EEE	Ph.D	3	2012	-	-				05
20	CIVIL	Ph.D	3	201	-	-				
21	MATH	Ph.D	3	2006	-	-				03
23	PHYSICS	Ph.D	3	2010	-	-				
TOTAL Required Faculty as per AICTE Norms									**238**	

Table- 4: Status of Faculty Associated with Teaching Engineering Students (Regular & Contract) as on 31st March, 2015.

Faculty Rank	No. of Sanctioned Regular post	Number in Position by highest qualification												Total no. o regular faculty in position	Total no. of contract faculty in position
		Doctoral Degree				Master Degree				Bachelor holders					
		Engineering Disciplines		Supporting disciplines(physics ,chemistry ,maths &		Engineering Disciplines		Supporting disciplines(physics ,chemistry ,Maths & humanities)		Engineering Disciplines		Supporting disciplines (physics ,chemistry ,Maths & humanities)			
		R	C	R	C	R	C	R	C	R	C	R	C		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14=(2+4+6+8+10+12)	15=(3+5+7+9+11+13)
Professor	25	28		4		5								37	
Associate Professor	50	2		1		40								38	
Assistant Professor	168			8		141		25		12				168	
Lecturer															
Total	243	30		13		168		25		12				243	

R: Regular faculty, C: Contract faculty.

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Table -5: Details of Faculty:

Sl. No	Name of the teaching faculty member	Highest qualification (Ph.D, M.Tech ,M.Sc ,B.E)	Discipline of specialization at (Ph.D, M.Tech, M.Sc ,B.E)	Date of appointment in the institution	Status of appointment (Regular or contract)
Dept. of Computer Science & Engineering					
1.	Dr.Dinesh K Anvekar	Ph.D	Micro Electronics	26-05-14	Permanent
2.	Prof.Ranganatha Setty K A	M.Tech	Computer Science	21-04-08	Permanent
3.	Dr.Jharna Majumdar	Ph.D	Computer Science	02-07-08	Permanent
4.	Mr. T S Sethunathan	M.Tech	Computer Science	01-04-15	Permanent
5.	Dr.Nalini N	Ph.D	Computer Science	22-07-09	Permanent
6.	Dr.Thippeswamy M N	Ph.D	Electronics	12-03-15	Permanent
7.	Dr.Prasad Hamsavath Naik	Ph.D	Computer Science	06-02-12	Permanent
8.	Dr.Sanju V	Ph.D,	Computer Science	28-03-13	Permanent
9.	Mrs.Vidyadevi G Biradar	(Ph.D), M.Tech	Computer Science	08-08-08	Permanent
10.	Ms.Vijaya Shetty S	(Ph.D), M.Tech	Computer Science	01-03-05	Permanent
11.	Mrs. Prathibha Ballal	(Ph.D), M.Tech	Computer Science	06-03-03	Permanent
12.	Ms. Kavitha Sooda	(Ph.D), M.Tech,	Computer Science	20-07-02	Permanent
13.	Mrs. Archana Naik	M.Tech	Computer Science	08-07-02	Permanent
14.	Ms.Sujatha Joshi	M.Tech	Computer Science	23-08-10	Permanent
15.	Ms.Meenakshi	(Ph.D),M.Tech	Computer Network Engg.	01-08-13	Permanent
16.	Mr.Mohan B A	(Ph.D), M.Tech,	Computer Network Engg.	20-08-08	Permanent
17.	Ms. Chaitra H.V	(Ph.D), M.Tech	Computer Science	16-01-08	Permanent
18.	Mr. N. Srinivasa	M.Tech	Computer Science	14-12-05	Permanent
19.	Mr.Nagaraj S R	(Ph.D), M.Tech	Computer Science	15-09-08	Permanent
20.	Mr.Afroze Pasha	M.Tech	Computer Science	01-08-07	Permanent
21.	Ms.Ramya Srikanteswara	M.Tech	Computer Network Engg.	17-08-09	Permanent
22.	Ms.Nirmala J Saunshimath	(Ph.D), M.Tech	Computer Science	25-08-10	Permanent
23.	Ms.Kavya B S	M.Tech	Software Engg.	23-08-10	Permanent
24.	Ms.Sushma M	M.Tech	Computer Science	23-08-10	Permanent
25.	Ms.Jagdevi N Kalshetty	M.Tech	Computer Science	15-09-08	Permanent
26.	Mr..E G Satish	M.Tech	Computer Network Engg.	01-08-11	Permanent
27.	Mr.Ramakrishna K	M.Tech	Computer Science	02-07-12	Permanent
28.	Ms.Poornima M S	M.Tech	Computer Science	21-08-12	Permanent
29.	Ms.Asha H V	M.Tech	Software Engg.	01-07-13	Permanent
30.	Ms.Sangeetha G M	M.Tech	Computer Science	15-07-13	Permanent
31.	Ms.Madhumita Mishra	M.E	Computer Science	15-07-13	Permanent
32.	Ms.Sowmya M R	M.Tech	Computer Science	01-08-13	Permanent
33.	Ms.Anju Thomas	M.E	Computer Science	01-08-13	Permanent

34.	Ms.Shobana T S	M.Tech	Computer Network Engg.	01-08-13	Permanent
35.	Ms.Shobha	M.Tech	Computer Network Engg.	01-08-13	Permanent
36.	Ms.Deepa Kumari	M.Tech	Computer Network Engg.	01-08-14	Permanent
37.	Ms.Sudha Kamaraj	M.E	Computer Science	05-01-15	Permanent
38.	Mr.Santhosh Kumar K L	M.Tech	Computer Science	12-06-13	Permanent
39.	Ms.Lakshmidevi N Noolvi	M.Tech	Computer Science	01-10-13	Permanent
40.	Mr.Kiran S	M.Tech	Computer Science	18-07-14	Permanent
41.	Ms.Shilpa Ankalaki	M.Tech	Computer Science	01-08-14	Permanent
42.	Ms.Rajeshwari Sunder	M.Tech	Computer Science	01-08-11	Permanent
43.	Ms.Joy Lavanya	M.S	Medical Software	26.02.07	Permanent
44.	Ms.Deepthi Shetty	M.Tech	Computer Science	15-02-08	Permanent
45.	Mrs.Geetha Priyadarshini	B.E	Computer Science	02-03-06	Permanent
Dept. of Electronics & Comm. Engg.					
46.	Dr. H. C. Nagaraj	Ph.D	Biomedcl. Instru. & Sigl. Prsng	28-12-01	Permanent
47.	Dr.S Sandhya	PhD	Instrumentation	03-02-14	Permanent
48.	Dr.K N Hari Bhat	PhD	Communication systems	06-11-14	Permanent
49.	Dr. H S Prasantha	Ph.D	Multimedia Comm..	10-12-14	Permanent
50.	Prof. G. H. Sarma	M. Tech	Elect. Devc.Tech	01-08-06	Permanent
51.	Dr.Rukmini T S	PhD	Microwave Engg.	13-02-12	Permanent
52.	Prof. Mahaveera Swamy	M.Tech	Electro	18-08-04	Permanent
53.	Prof. Sanker Dasiga	M.Tech	Industrial Elelctro Circuits	01-07-10	Permanent
54.	Dr.B V Srinivasappa	Ph.D	Power Electronics	22-08-05	Permanent
55.	Mr. Rajesh N	(Ph.D), M.Tech	Power Electronics	20-07-02	Permanent
56.	Mrs. Manjula B M	(Ph.D), M.Tech.	Electro	03-10-02	Permanent
57.	Ms.Veda Sandeep Nagaraj	(Ph.D), M.Tech	VLSI Design & Embedded systems	11-10-04	Permanent
58.	Ms. Madhu Patil Prakash	(Ph.D), M.Tech	Digital Comm. Networking	08-04-04	Permanent
59.	Mr.Prasanna Paga	(Ph.D), M.Tech	Industrial Elelctro Circuits	01-08-06	Permanent
60.	Ms. Sowmya Madhavan	(Ph.D), M.E	Communication systems	01-08-07	Permanent
61.	Mr.Shashidhar K S	(Ph.D), M.Tech.	Industrial Electronics	02-08-08	Permanent
62.	Mrs.Naina R Karkal	M.Tech	VLSI Design & Embedded systems	01-08-07	Permanent
63.	Ms.Rekha K Phadke	(Ph.D), M.Tech.	Digital Comm. Networking	02-08-10	Permanent
64.	Mrs.Bhuvaneshwari V M	(Ph.D), M.Tech	Comp. & Telecomm.	16-08-10	Permanent
65.	Ms.Varsha Prasad	(Ph.D), M.Tech.	VLSI Design & Embedded systems	01-06-09	Permanent
66.	Mrs.Seema Sreekumar	M.Tech	VLSI Design &Embedded systems	01-08-08	Permanent

67.	Ms.Ayesha Siddaqua	M.Tech	VLSI Design & Embedded systems	11-08-09	Permanent
68.	Ms.Pramodhini R	M.Tech	Digital Comm. Networking	05-03-10	Permanent
69.	Mr.Badarla Sri Pavan	M.Tech	Digital Comm. Networking	01-08-12	Permanent
70.	Mr.Girisha G K	(Ph.D), M.Tech	Digital Comm. Networking	01-08-12	Permanent
71.	Ms.Rubala S A	M.Tech	VLSI Design & Embedded systems	01-08-12	Permanent
72.	Ms.Divya G	M.Tech	Digital Comm. Networking	01-07-13	Permanent
73.	Ms.Ashitha R Naik	M.Tech	Digital Comm. Networking	15-07-13	Permanent
74.	Ms.Deeksha R Shetty	M.Tech	Digital Comm. Networking	17-08-09	Permanent
75.	Ms.Lathakumari K R	M.Tech	VLSI Design & Embedded systems	19-08-13	Permanent
76.	Ms.Sowmya J	M.Tech	Digital Comm. Networking	12-08-13	Permanent
77.	Ms.Kushalatha M R	M.Tech	Digital Comm. Networking	02-08-10	Permanent
78.	Ms.Deeba Lakshmi	M.Tech	Digital Comm. Networking	28-01-14	Permanent
79.	Ms.Shyalaja S	M.Tech	Digital Comm. Networking	03-02-14	Permanent
80.	Mr.Rudresh K J	M.Tech	DE	03-02-14	Permanent
81.	Ms.Raji P	M.Tech	Digital Comm. Networking	01-08-14	Permanent
82.	Ms.Binu B Singh	M.Tech	Electronics	01-08-14	Permanent
83.	Ms.Chaitra K N	M.Tech	Electro. & Comm.	12-08-14	Permanent
84.	Ms.Devikashree	M.Tech	Ind.Auto & Robotics	13-10-14	Permanent
85.	Ms.Beena S Rai	(M.Tech)	VLSI Design & Embedded systems	01-08-12	Permanent
86.	Ms.Mude Ramadevi	B.Tech	ECE	21-08-13	Permanent
87.	Mr.KannanT	M.Tech	VLSI Design & Embedded systems	01-08-14	Permanent
88.	Mr.Adithya H P Dubey	M.Tech	VLSI Design & Embedded systems	01-08-14	Permanent
89.	Mr.Divyanshu Sahay	B.E	ECE	20-08-14	Permanent
90.	Pramod Jain	B.E	ECE	02-05-12	Permanent
Dept. of Mechanical Engg.					
91.	Dr. P. Balachandra Shetty	Ph.D	Mech.Engg. Science	04-07-03	Permanent
92.	Dr.P G Mukunda	Ph.D	Powder Metalurgy	01-01-15	Permanent
93.	Dr.Sekhar Majumdar	Ph.D	Mech.Engg	04-08-08	Permanent
94.	Dr. V R Kabadi	Ph.D	Metallurgy	03-11-14	Permanent
95.	Dr. Kiran Aithal	Ph.D	Mech. Engg.	19-08-04	Permanent
96.	Dr. Madhusudhan	Ph.D	Mech. Engg.	16-08-01	Permanent
97.	Dr. Desai Gowda H S	Ph.D	Mech. Engg.	20-08-04	Permanent

98.	Prof. K. Srikantha Prabhu	M. Tech	Engg. Mgt	18-09-01	Permanent
99.	Mr.Hemanth Kumar N	M. Tech	Mfg. Science	10-06-11	Permanent
100.	Mr.B S Surendra	M. Tech	Machine Tools	01-07-13	Permanent
101.	Ms.Rashmi M V	B. E.(M.E),	Mech.Engg.	01-01-08	Permanent
102.	Mr.Ravindranath	B.E(ME), M.E(Mgt)	Engg. Mgt	12-08-13	Permanent
103.	Mr.Ravi Prakash M	M. Tech	Thermal Power	08-08-08	Permanent
104.	Mrs.Smruti Rekha Sen	(Ph.D), M. Tech	Mfg.Prod. & Sys	08-08-08	Permanent
105.	Mr.Praveen Kumar S	(Ph.D), M. Tech	mfg. Science	05-09-11	Permanent
106.	Mr.Sunil Kumar H S	M. Tech	Machine Design	12-01-12	Permanent
107.	Mr.Ramesh Babu N	(Ph.D), M. Tech	Machine Design	05-08-11	Permanent
108.	Mr.Rudra Naik M	(Ph.D), M. Tech	Mecatronics	12-01-12	Permanent
109.	Ms.Krupa R	M. Tech	Thermal Power	02-01-13	Permanent
110.	Mr.Chethan K S	M. Tech	Thermal Power	02-09-09	Permanent
111.	Mr.Praveen B A	M. Tech	CIM	17-08-12	Permanent
112.	Mr.Vinayaka N	(Ph.D), M. Tech	Machine Design	02-11-12	Permanent
113.	Mr.Pavan K N	M. Tech	Thermal Power	02-08-12	Permanent
114.	Mr.Shiv Pratap Singh Yadav	M. Tech	Machine Design	19-06-13	Permanent
115.	Mr.Prashanth N	M. Tech	Prod. Engg.	01-07-13	Permanent
116.	Mr.Harish N	M. Tech	Machine Design	16-12-10	Permanent
117.	Ms.Hamritha S	M. Tech	Machine Design	16-08-12	Permanent
118.	Mr.Manjunath H N	M. Tech	Thermal Power	02-08-11	Permanent
119.	Mr.Arun Kumar G L	M. Tech	Thermal Power	09-01-12	Permanent
120.	Mr.Sachin B	M. Tech	Comp.Int.Mfg	01-02-14	Permanent
121.	Mr.Suresh K R	M. Tech	mfg. Science	06-08-14	Permanent
122.	Ms.Yashawini Sudarshan	M. Tech	mfg. Science	08-08-14	Permanent
123.	Mr.Rachith S N	M. Tech	Thermal Power	04-08-14	Permanent
124.	Mr.Nuthan Prasad	M. Tech	Thermal Power	0408-14	Permanent
125.	Mr.Avinash L	(Ph.D), M. Tech	Machine Design	11-08-14	Permanent
126.	Mr.Chethan S	M. Tech	Machine Design	11-08-14	Permanent
127.	Mr.Sandeep G M	M. Tech	Machine Design	14-08-14	Permanent
128.	Mr.Mahadeva Prasad	M. Tech	Machine Design	01-09-14	Permanent
129.	Mr.Sriram Mukunda	(Ph.D), M. Tech	Mfg. Engg.	01-01-15	Permanent
130.	Mr.Charan Kumar D	(M.Tech),	Thermal	02-09-11	Permanent
131.	Ms.Nevideta	(M.Tech)	Thermal	27-09-10	Permanent
132.	Mr.Manikanta Reddy	B.E	Mech. Engg.	25-06-12	Permanent
133.	Mr.Sandesh Hegde	B.E	Mech. Engg.	01-11-13	Permanent
134.	Mr.Iswar Kiran	B.E	Mech. Engg.	24.12.12	Permanent
Dept. of Information Science & Engg.					
135.	Dr.Sanjay H A	Ph.D	Grid Computing	14.09.09	Permanent
136.	Dr.Prashantha Gogoi	Ph.D	Computer Science	01-02-07	Permanent
137.	Mr.D B Srinivas	(Ph.D), M.Tech	Computer Science	08-07-05	Permanent
138.	Mr.Karunakar Rai B	(Ph.D), M.Tech	Computer Science	29-10-07	Permanent
139.	Ms.Ashwini J P	(Ph.D), M.Tech	Computer Science	23-08-10	Permanent
140.	Mr. K. Adithya Shastry	(Ph.D), M.Tech	Computer Science	22-03-04	Permanent
141.	Ms.M.Lakshmi	M.Tech	Computer Science	21-09-07	Permanent

142.	Mr.Chandrasekar B N	M.Tech	Computer Science	26/02/07	Permanent
143.	Ms.Kshema Raphael	M.Tech	ITM	01-06-12	Permanent
144.	Ms.Bini Y Baby	M.Tech	Computer Science	28/01/08	Permanent
145.	Mr.Manjunath B A	M.Tech	Computer Science	25-08-08	Permanent
146.	Mr.Rohit H P	M.Tech	Computer Science	08-09-10	Permanent
147.	Ms.Lakshmi H	M.Tech	NIE	01-07-11	Permanent
148.	Ms.Yashaswini H M	M.Tech	Computer Science	21-01-13	Permanent
149.	Ms.Sumithra Amith	M.Tech	Computer Science	18-01-13	Permanent
150.	Ms.Roopa R	M.Tech	Computer Science	01-08-13	Permanent
151.	Ms.Deepika K M	M.Tech	Computer Network Engg.	25-07-11	Permanent
152.	Mr.Preetham N	M.Tech	Computer Science	01-08-13	Permanent
153.	Mr.Sanket Sarang Salvi	M.Tech	Computer Network Engg.	09-02-15	Permanent
154.	Mr.Rangavittala S R	M.Tech	Computer Network Engg.	13-03-15	Permanent
155.	Ms.Shruthi B V	M.Tech	Computer Science	11-08-08	Permanent
156.	Ms.Ramyashree B R	M.Tech	Computer Science	15-09-08	Permanent
157.	Ms.Uma R	M.Tech	Computer Science	07-02-08	Permanent
Dept. of Civil Engg.					
158.	Dr.H R Dhananjaya	PhD	Structural Engg.	02-01-12	Permanent
159.	Dr.Ramachandra Reddy	Ph.D	Geology	23-08-10	Permanent
160.	Dr.Praneesh R N	Ph.D	Civil Engg.	11-02-15	Permanent
161.	Dr.Ananthayya M B	Ph.D	Design	01-08-13	Permanent
162.	Dr.N Vidyavathi	Ph.D	Chemical	01-04-15	Permanent
163.	Mr.Vasudev M V	M.E	Structural Engg.	01-08-13	Permanent
164.	Ms.Archana Nayak	M.Tech	Env. Engg.	17-08-07	Permanent
165.	Ms.Prathima G	M.Tech	Highway Tech.	20-07-11	Permanent
166.	Mr.Muralidhara H	M.Tech	Highway Tech.	16-02-12	Permanent
167.	Ms.Rashmi H R	M.Tech	Env. Science	02-07-12	Permanent
168.	Mr.Vinay M	M.Tech	Structural Engg.	01-08-12	Permanent
169.	Mr.Jairaj C	M.Tech	Geo. Tech.	01/08/12	Permanent
170.	Mr.Kiran Umachagi	M.Tech	Structural Engg.	13-08-12	Permanent
171.	Mr.Nanjundi Prabhu	M.Tech	Water Resources	16-08-12	Permanent
172.	Ms.Arpitha M	M.E	Earthquake	03-10-13	Permanent
173.	Ms.Lakshmipriya K V	M.E	Civil Engg.	01-08-14	Permanent
174.	Ms.Umashankar Patil G H	M.e	Structural Engg.	11-08-14	Permanent
175.	Ms.Shwetha K G	M.Tech	Structural Engg.	11-08-14	Permanent
176.	Mr.Manjunath R	M.Tech	Construction	11-08-14	Permanent
177.	Ms.Snehal K	M.Tech	Structural Engg.	01-09-14	Permanent
Dept. of Electrical & Electronics Engg.					
178.	Dr.H M Ravi Kumar	Ph.D	EE	13-07-11	Permanent
179.	Dr.V Krishnan	Ph.D	High Voltage	11-04-12	Permanent
180.	Ms.Vasudha Hegde	(Ph.D), M.Tech	CAID	14-07-09	Permanent
181.	Ms. Veena S	M.Tech	Power Systems	16-08-04	Permanent
182.	Mr.Parthasarathy V	M.Tech	Power Systems	11-05-09	Permanent
183.	Ms.Aruna Prabha B S	(Ph.D), M.Tech	CAID	01-02-08	Permanent

184.	Ms.Sujatha Shivashimpeger	M.Tech	CAID	25-08-11	Permanent
185.	Ms. Sridevi H R	M.Tech	Power Systems	31-08-04	Permanent
186.	Mr.Ch V Ramesh	M.Tech	Power Systems	11-01-10	Permanent
187.	Ms.Samanvitha N	(Ph.D), M.Tech	AutomT. & Robotics	17-01-11	Permanent
188.	Ms Siridevi N C	M.E	Contr & Instr	04-10-10	Permanent
189.	Ms.Sowmya Raman	M.Tech	Contr & Instr	20-08-11	Permanent
190.	Mr.Satish Hegde	M.Tech	Power Elec.	02-2-15	Permanent
191.	Mr.Ranjith H G	B.E	EEE	03-11-14	
192.	Min Raj Nepali	B.E	EEE	02-05-14	
Dept. of Aeronautical Engg.					
193.	Dr. Shaik Ismail	Ph.D	Instru. & Control Engg.	01-12-14	Permanent
194.	Dr.Vivek Sanghi	Ph.D	Aero	01-08-14	Permanent
195.	Mr.Prafulla Kumar Mati	M.Tech, MBA	Instru	22-08-14	Permanent
196.	Mr.Mahendra M A	M.E	Mfg. Sci	10-08-12	Permanent
197.	Mr.Santhosh Nagaraj	M.Tech	Aero Space	16-08-12	Permanent
198.	Mr.Nishant Desai	B.E (ME), M.SC (Aero)	Aero	01-08-13	Permanent
199.	Mr.Harish H V	M.Tech	Thermal	01-08-13	Permanent
200.	Mr.Shrikanth H V	(PhD), M.Tech	Thermal	18-08-13	Permanent
201.	Mr.Prasanta Kumar	M.Tech	Aero	23-09-13	Permanent
202.	Mr.Mayur Anvekar	M.Tech	Aero	01-08-14	Permanent
203.	Mr.Izhar Hussain Khan	M.E	Aero	01-08-14	Permanent
204.	Mr.Siddalingappa	M.Tech	Aero	19-01-15	Permanent
205.	Mr.Vinod L	M.Tech	Aero	11-02-15	Permanent
Dept. of Applied Sciences					
Dept. of Mathematics					
206.	Dr.Shantharajappa	Ph.D	Mathematics	01-04-15	Permanent
207.	Dr.Indira R	Ph.D	Bio Fluid Mechanics	05-12-07	Permanent
208.	Dr. Revathi B R	Ph.D	Mathematics	10-09-04	Permanent
209.	Mr. Dhananjaya Murthy B V	B. Sc., M. Sc. (Maths) (Ph.D)	Maths	08-08-01	Permanent
210.	Mrs. Sumashree P	B. Sc., M. Sc. (Maths)	Maths	19-11-01	Permanent
211.	Dr.Padmavathi R	Ph.D	Fluid Mechanics	23-08-10	Permanent
212.	Dr. Chandrakala S B	Ph.D	Mathematics	16-08-06	Permanent
213.	Mr.Jagadeesha S	(Ph.D), MSc	Maths	03-09-10	Permanent
214.	Ms.Rashmi K R	(Ph.D), MSc	Maths	16-08-11	Permanent
215.	Ms.Sushma Puranik	M.Sc	Maths	01-08-12	Permanent
216.	Ms.Sreekala C K	(Ph.D), MSc	Maths	01-08-13	Permanent
217.	Mr.Sreegourav K R	(Ph.D), MSc	Maths	01-08-13	Permanent
218.	Mr.Hemanth Kumar	M.Sc	Maths	01-08-14	Permanent
219.	Ms.Swathi H R	M.Sc	Maths	12-08-14	Permanent
220.	Ms.Pallavi G	M.Sc	Maths	18-08-14	Permanent

Dept. of Chemistry					
221.	Dr. Srilatha Rao	Ph.D	Chemistry	18-12-01	Permanent
222.	Dr.T Aravind	Ph.D	Chemistry	01-08-12	Permanent
223.	Dr.Raghu M S	Ph.D	Chemistry	01-08-13	Permanent
224.	Ms.Sowmyashree A S	M.Sc	Chemistry	02-09-09	Permanent
225.	Ms.Sadhana H Upadhaya	M.Sc	Chemistry	01/08/12	Permanent
226.	Ms.Ganavi H S	M.Sc	Chemistry	01-02-13	Permanent
Dept. of Physics					
227.	Dr.Sheik Abdul Sattar	Ph.D	Nuclear Physics	10-02-14	Permanent
228.	Dr.Jeevan Kumar Padarti	Ph.D	Physics	12-04-13	Permanent
229.	Dr.Habibuddin Shaik	Ph.D	Instrumentation & applied Sciences	15-12-14	Permanent
230.	Mrs. Jyothi G B	(Ph. D), M.Sc	Physics	03-09-01	Permanent
231.	Mrs. Hitha B Shetty	(Ph. D), M.Sc	Physics	15-10-01	Permanent
232.	Mrs.Kavitha Kamath	M. Sc	Physics	03/04/07	Permanent
233.	Mr.Shivaprasad H B	M.Tech	Material Engg.	17-09-10	Permanent
234.	Mr.Ashok Reddy G V	(Ph.D),MPhil	Physics	10-02-11	Permanent
235.	Ms.Jyothi Gupta	M.Sc	Physics	01-08-12	Permanent
236.	Ms.Chaitra J C	M.Sc	Physics	15-01-13	Permanent
Dept. of EVS/Eng/CIP					
237.	Dr.Varalakshmi Naik	Ph.D		02-04-12	Permanent
238.	Dr.Vandana Rai	Ph.D	Pol.Sciences	16/08/07	Permanent
239.	Mrs.Akshatha Shetty	M.Sc	Env.Sci	01/09/06	Permanent
240.	Mr.Srinivas A	(Ph.D), M.A	English	02-05-08	Permanent
241.	Ms.Nagarathna K B	M.A	English	01-08-12	Permanent
242.	Ms.Simmi Kumar	M.A	English	01-08-14	Permanent
243.	Ms.Chandana	(Ph.D), M.Phil	English	12-02-15	Permanent

1.INSTITUTIONAL BASIC INFORMATION

1.1 Institutional Identity:

Name of the Institution: **Nitte Meenakshi Institute of Technology**

Is the institution AICTE approved? **Yes**

Furnish AICTE approval no: **South-West Region/1-10233900/2010/EOA**
Date: August 23,2010
F No:770-53-034 (NDEG)/ET/2001 August 9,2001
(Refer Annexure -01)

Type of Institution: **Private unaided Affiliated to Visweswaraya Technological University**

Status of Institution: **Autonomous Institute as declared by University (Refer Annexure-02)**

Name of Head of Institution and Project Nodal Officers:

Head & Nodal Officer	Name	Phone Number	Mobile Number	Fax Number	E-mail Address
Head of theInstitution(Full Time)	Dr H C Nagaraj	080 22167800	98452-75240	22167805	principal@ nmit.ac.in
TEQIP Coordinator	Prof.Ranganatha Setty	080 22167822	98459-23345	22167805	karsetty@ hotmail
Project Nodal Officers for:					
Academic Activities	Dr. Sanjay H.A	080 22167864	93425-60303	22167805	sanjusmg@ gmail.com
Civil Works IncludingEnvironment Management	Col. Ramachandra	080 22167800	94496-95748	22167805	b_v_ramachandra @ rediffmail.com
Procurement	Prof.Mahaveer Swamy	080 221678	98863-20801	22167805	nmahaviraswamy @gmail.com
Financial Aspects	Sri. Raja Shetty	080 22167800	99805-65950	22167805	principal@ nmit.ac.in
Equity Assurance Plan	Dr.Sandya S	080 22167864	98801-71708	22167805	sandya9prasad@ gmail.com

1.2 Academic Information:

Engineering Programmes offered in Academic Year 2014-15:

Sl No	Title of Programmes	Level (UG, PG, PhD)	Duration (Years)	Year of Starting	AICTE Sanctioned Annual Intake	Total Student Strength
1.	B.E. Computer Science and Engineering	UG	04	2001	180	801
2.	B.E. Electronics and Communication Engineering	UG	04	2001	180	754
3.	B.E. Mechanical Engineering	UG	04	2002	180	758
4.	B.E. Information science and Engineering	UG	04	2001	120	380
5.	B.E. Electrical & Electronics Engineering	UG	04	2001	60	241
6.	B.E. Civil Engineering	UG	04	2009	120	414
7.	B.E. Aeronautical Engineering	UG	04	2011	60	231
8.	M.Tech (VLSI Design and Embedded Systems)	PG	02	2007	18	37
9.	M.Tech (Computer Science and Engineering)	PG	02	2008	18	61
10.	M.Tech (Computer Networks & Engg)	PG	02	2012	18	29
11.	M.Tech (Digital Communication & Engg.)	PG	02	2012	18	31
12.	M.Tech (Thermal Engg)	PG	02	2010	18	31
13.	M.Tech (Machine Design)	PG	02	2013	24	35
14.	M.Tech (Structure)	PG	02	2013	24	46
15.	Electronics and Communication Engineering	Ph.D	3	2006		23
16.	Computer Science and Engineering	Ph.D	3	2009		07
17.	Information Science and Engg.	Ph.D	3	2012		08
18.	Electrical And Electronics Engg	Ph.D	3	2012		05
19.	Mechanical Engineering	Ph.D	3	2008		09
20.	Civil	Ph.D	3	2010	-	-
21.	Mathematics	Ph.D	3	2006		03
22	Physics	Ph.D	3	2010		-

Accreditation Status: (Refer Annexure-03)

NMIT is Accredited by National Assessment and Accreditation Council (NAAC) for the period of 5 Years from 2014-15

Accreditation Status of UG Programmes: (Refer Annexure-04)

Title of UG Programmes being offered	Whether eligible for Accreditation or not	Whether Accredited as on 31st March 2015	Whether "Applied for" as on 31st March 2015
B.E. Computer Science and Engineering	Eligible for Accreditation	**Accredited**	-
B.E. Electronics and Communication Engineering	Eligible for Accreditation	**Accredited**	-
B.E. Mechanical Engineering	Eligible for Accreditation	**Awaiting for Results**	**Awaiting for Results**
B.E. Information science and Engineering	Eligible for Accreditation	**Accredited**	-
B.E. Electrical & Electronics Engineering	Eligible for Accreditation	**Accredited**	-
B.E. Civil Engineering	Eligible for Accreditation	**Action being taken to apply for accreditation**	-
B.E. Aeronautical Engineering	Not Eligible for Accreditation	-	-

Accreditation Status of PG Programmes:

Title of PG Programmes being offered	Whether eligible for accreditation or not	Whether accredited as on 31st March 2015	Whether "Applied for" as on 31st March 2015
M.Tech (VLSI Design and Embedded Systems)	Eligible for Accreditation	Action being taken to apply for accreditation	-
M.Tech (Computer Science and Engineering)	Eligible for Accreditation	Action being taken to apply for accreditation	-
M.Tech (Computer Networks & Engg)	Not Eligible for Accreditation	-	-
M.Tech (Digital Communication &Networking.)	Not Eligible for Accreditation	-	-

M.Tech (Thermal Engg)	Eligible for Accreditation	Action being taken to apply for accreditation	-
M.Tech (Machine Design)	Not Eligible for Accreditation	-	-
M.Tech (Structure)	Not Eligible for Accreditation	-	-

1.3 Faculty Status (Regular/ on contract) as on March 31st, 2015:

Faculty Rank	**No. of Sanctioned Regular post**	**Present Status: Number in Position by Highest Qualification**												**Total no. o regular faculty in position**	**Total no. of vacancies**	**Total no. of contract faculty in position**
		Doctoral Degree				**Master Degree**				**Bachelor holders**						
		Engineering Disciplines		**Other Disciplines**		**Engineering Disciplines**		**Other Disciplines**		**Engineering Disciplines**		**Other Disciplines**				
		R	**C**	**R**	**C**	**R**	**C**	**R**	**C**	**R**	**C**	**R**	**C**			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15= (3+5+ 7+9+ 11+13)	16= (2-15)	17= (4+6+8 +10+ 12+14)
Professor	25	28		4		5								37		37
Associate Professor	50	2		1		40								38		38
Assistant Professor	168			8		141		25		12				168		168
Lecturer																
Total	243	30		13		168		25		12				243		243

R=Regular, C=Contract

1.4 Baseline Data Parameters:

(All data given for the following parameters are strictly restricted to Engineering disciples only)

Sl.No	Parameters	Total/Percentage /Amount(In Rs. Lakhs)
1	Total strength of students in all programmes and all years of study in the year 2014-15	3850
2	Total women students in all programmes and all years of study in the year 2014-15	1035
3	Total SC students in all programmes and all years of study in the year 2014-15	276
4	Total ST students in all programmes and all years of study in the year 2014-15	57
5	Total OBC students in all programmes and all years of study in the year 2014-15	544
6	Number of fully functional P-4 and above level computers available for students in the year 2014-15.	1406
7	Total number of syllabus Text books and Reference books available in library for UG & PG students in the year 2014-15	40367
8	% of UG students placed through campus interviews in the year 2014-15(* On Going)	88%
9	% of PG students placed through campus interviews in the year 2014-15 (* On Going)	53%
10	% of High quality under graduates (>75% marks) passed out in the year 2013-14.	44%
11	% of High quality post graduates (>75% marks) passed out in the year 2013-14.	60%
12	Number of research publications in Indian refereed Journals upto 2013-14.	170
13	Number of research publications in International refereed Journals upto 2013-14 .	
14	Number of Patents obtainedupto 2014-15.	02
15	Number of Patents filed in the year 2014-15.	6
16	Number of sponsored research projects completed upto 2013-14	22
17	The transition rate of students in percentage from 1st year to 2nd year in the year 2013-14 for : (i) All students (ii) SC (iii) ST (iv) OBC	 89% 90% 91% 95%
18	IRG from students fee and other charges in the year 2014-15.(Rs. in lacs)	4536.00Lakhs
19	IRG from commercialization of R & D products, consultancy & other sources in the year 2014-15. (Rs. in lacs)	380.00 Lakhs
20	Total IRG in the year 2014-15 (Rs. in lacs) from Sponsored Projects	
21	Total recurring expenditure in the year 2013-14. (Rs. in lacs)	2791.00 Lakhs

2. REVISED INSTITUTIONAL DEVELOPMENT PROPOSAL

2.1 Give the Executive Summary of the Revised IDP.

Nitte Meenakshi Institute of Technology has met many of the milestones that are essential for realizing excellence in education these are:

- Several Sponsored research Projects amounting to Rs. 5.5 Crores sanctioned by different reputed National Funding Agencies such as DST, DIT, AICTE, DRDO Labs, VGST, IEEE, VTU etc.
- Highly qualified and experienced faculty comprising 48 Ph.Ds primarily from IISc, IITs & NITs
- Strong Industry-Institution Interaction which resulted in placement of 90% of the eligible students.
- Robust and scalable IT Infrastructure with 1400+ computers, 100 Mbps(1:1) Internet connectivity and Wi-fi facility
- Modern Infrastructural Facility & Laboratories
- Accredited by NAAC
- UG programs Accredited by NBA(Tier-1)
- Successful implementation of Out-come based Education
- E-learning resources from Stanford, MIT, Berkeley, Purdue, NPTEL etc.

To build Nitte Meenakshi Institute of Technology as a centre of excellence that imparts quality education and creates competent and skilled engineers who can address global challenges we need toprovide a conducive environment that encourages intellectual rigor, productive teamwork, international best practices and promotes of innovation & creativity. Considering the above factors, the vision of the institution and a SWOT analysis we propose the following activities and program for the next two academic years

- Academic and Administrative Reforms
- Faculty Enrichment/Faculty Development programs.
- Enhancement of the competencies of Technical /Supporting /Administrative Staff.
- Strengthening of Labs / Library.
- Support for academically weaker Students.
- Improvement of learning outcome attainment level and Employability of the students.
- Promotion of consultancy and R & D activity.
- Strengthening Industry-Institute Interaction.
- Increased creativity, leading to innovations and entrepreneurship among the Students.

- New PG Programs in emerging areas

The above activities are in line with the following focus areas in the institute's strategic plan:

- Increased research and development capacity in identified areas with stress on quality, optimum development of human resource and infrastructural development plans focusing on economically viable technological innovations all of which will lead to high quality patents and publications.
- Strengthening PG programs encourage Research & Development and Innovations that are relevant to Industries and other relevant Organizations.
- Reforms in academics and governance to enable the faculty strengthen academic and administrative capabilities.

- Improvement in Outcome Based Learning/Teaching (OBLT) processes to increase the quality of education and employability.
- Strengthening Industry-Institute Interaction leading to better placements / internships / consultancy / research output/ Outcome based curricula.
- Strengthening Innovation /Entrepreneurship .

Increased funding under TEQIP Phase II will result in

- Improvement in admission quality
- Improved learning outcomes of UG & PG Students.
- Outcome based curriculum
- 100% Accredited programs
- Increased employability and more entrepreneurs.
- High quality research/funded projects/patents/publications
- Increased number of consultancy/sponsored projects/MOUs
- Improvement in Faculty competency/Qualification
- Student/Faculty Exchange Programs with premier Foreign/Indian Universities

2.2 SWOT Analysis

a) Provide the Details of SWOT Analysis Carried Out.
b) Based on SWOT Analysis, Provide the "Strategic Plan"Developed for Institutional Development.
c) How the Key Activities Proposed in the Institutional Development Proposal are linked with the Results of SWOTAnalysis.

a)Provide the Details of SWOT Analysis Carried Out:

Procedure adopted for conducting the SWOT analysis and participation of theStakeholders:

1. SWOT analysis was carried out by involving all stakeholders such as management, faculty, supporting staff, students, parents, alumni and representatives of employers.For this there were group consultations and discussions.
2. Meetings and consultation were conducted with the HODs and senior faculty. Each department submitted data on strengthening the following institutional infrastructure, laboratories, workshops, library and connectivity. Inputs were also received on new PG programs particularly in emerging areas training for the faculty and additional softwares that could be procured.
3. Adequate emphasis has been given to faculty development. Faculty/non-teaching staff provided their respective Training Needs Analysis.
4. Assessment were made on the additional academic inputs to be provided to the students hailing from weaker sections of the society such as SC/ST/OBC
5. At the departmental level, departmental faculty, technical staff and students discussed their respective SWOT analysis.
6. Departments submitted their departmental development plans to the coordination office of the TEQIP
7. TEQIP office has consolidate the SWOT and TNA received from the departments
8. The entire project in totality was discussed with HODs /senior faculty. Their inputs and suggestions were considered.
9. The project in totality was placed before the BOG for consideration and approval.

While carrying out the SWOT analysis he following factors were considered:

a) Existing Infrastructure of the institute which includes, buildings, laboratories ,equipment, workshops, library,connectivity, transport, furniture, hostels, medical facilities, play grounds, canteen, availability of Bank and Post office facilities etc.

b) Fee structure, admission policies of the government including reservations, requirements of the affiliating university/ AICTE/UGC

c) Outcome based Curriculum Development and teaching & learning processes.

d) Additional academic support for weaker students to improve their performance in the examination.

e) Employability rate

f) Training Needs of Faculty/Technical Staff/Supporting Staff.

g) Research , consultancy and IPR.

h) Industry Institute Interaction

After several brain storming sessions, the strengths, weaknesses, opportunities and threats were identified:

Strengths:

S1. Supportive management, committed faculty & staff and motivated students

S2. Strong focus on Excellence in Education, Research and Promotion of Innovation & Entrepreneurship.

S3. Youngest engineering college in the country to be conferred the prestigious Autonomous Status by UGC, New-Delhi. in the year 2007

S4. Accreditation of the college by National Assessment and Accreditation Council (NAAC) for a period of 5 Years starting from 2014-15

S5. Accreditation of eligible UG Programs under Tier-1 scheme (As per Washington Accord) of National Board of Accreditation.

S6. Availability of faculty in all required positions. High qualification experience of the faculty comprising 48 Ph.Ds predominantly from IISc, IITs & NITs. Ongoing PhD work of 62 faculty members & in different research centers of NMIT as well as in other Institutions of Eminence.

S7. Recognition of Ten Departments as Research Centres by VTU / Mysore University

S8. Successfully implementation Out-come based Educational process

S9. Inter-disciplinary research carried out by faculty and students. NMIT is a unique Institution which has established five Multi-Disciplinary Research Centres viz Center for Small Satellite Research, Center for Robotics Research, Center for Nanomaterial & MEMS, Center for Computational Fluid Dynamics and Center for Design Engineering & Process Simulation.

S10. Sponsored research Projects amounting to Rs. 5.5 Crores sanctioned by different reputed National Funding Agencies such as DST, DIT, AICTE, DRDO, VGST, IEEE, VTU etc.

S11. Innovation and Entrepreneurship Development Cell (DST) and Business Incubator(MSME) have been Established to encourage the entrepreneurship among the students

S12. Collaborations in R&D with North Dakota State University-USA, Indo-Korean Institute of Science & Technology, ISRO, Indian Institute of Science, NITK, Fluidyne etc

S13. Unique Scheme of Deputing UG Students to Industry/R&D Organizations/IISc/IITs/NID for a minimum period of 6 weeks internship qualifying for academic credits

S14. Excellent Industry-Institution Interaction which resulted in placement of 90% of the eligible students.

S15. Adequate and well maintained infrastructure for Curricular, Co-curricular and Extra-curricular activities which include NCC/NSS/Rotract/Sports/Cultural clubs/etc.

S16. Well established Library with adequate books and Journals conforming to AICTE/UGC requirements. Digital Library with subscription to E-Journals through the INDEST consortium. Rich E-learning resources from Stanford, MIT, Berkeley, Purdue, NPTEL etc.

S17. Cordial and harmonious relationship with all stake-holders.

S18. Robust and scalable IT Infrastructure with 1400+ computers, 100 Mbps(1:1) Internet connectivity and Wi-fi facility

S19. Rsidential and has separate Girls & Boys Hostel facility for more than 1700 students with In-house Mess and Faculty Quarters on the campus.

S20. Good participation of students in Co-curricular and extra-curricular activities at International/National Level

Weaknesses:

W1. Admissions based on State Govt. norms results in the admission of some academically weaker students

W2. PG programs do not attract highly talented students

W3. Not enough highly merited students are opting for Higher studies/Research.

Opportunities:

O1. Improve quality of research by increasing interactions with industry and R&D organizations.

O2. Increasing interaction with reputed institutions by sharing resources and undertaking joint research projects

O3. Strengthening interaction with Alumni to facilitate more connects with the industry.

O4. Creating training facilities to improve teaching capabilities of faculty.

O5. Extending more academic help to assist weaker students especially belonging to SC/ST/OBCs

O6. Starting new P.G Programs in emerging areas

O7. Accrediting the remaining few eligible UG & PG Programs

Threats:

T1. Difficulty to attract and retain PhD candidates faculty particularly in the Engineering disciplines.

T2. Lack of interest among bright Engineers to pursue research/teaching as career

T3. Ensuring financial viability of the Institution as the norms for admissions are regulated by the State Govt.

Summary:

It is evident from the above analysis that NMIT has the potential to emerge as a world class provider of technical education. It has strategic intent, requisite facilities and manpower for realizing its Vision of turning out globally competent technical manpower. With its emphasis on quality, Innovation and enterprenurship, NMIT can transform itself into an Institution of choice for budding young and bright minds.

b) Based on SWOT Analysis, Provide the "Strategic Plan" Developed for Institutional Development.

After understanding the Strengths, weakness opportunities and threats for NMIT we have following strategic plan for transforming NMIT into a quality technical education institute at the global level

- To provide trained and skilled engineers of the highest quality to meet the global needs
- To provide blended learning environmentsthrough Academic and Administration Reforms leading to improved learning outcomes for the students.
- To further improve our Laboratories /Research facilities/ Library to enhance the quality of teaching and learning process
- To enhance the research culture and entrepreneurship among the faculty and students
- To create an environment that enhances the interaction with reputed Indian/international institutions through mutual sharing of resources and joint research projects
- To Extend academic help to assist academically weaker students
- To strengthen the competency of the faculty through Faculty Development Programmes and skills of technical staff and others through periodic training program.
- To Strengthen Industry/ Institute / Alumni Interaction enabling better placements and increased number of internships

- To start new PG Programs in emerging areas/technologies, thus improving the potential of employability among students.
- To obtain Accreditation for the remaining eligible UG / PG Programs as and when they become eligible.

c)How the Key Activities Proposed in the Institutional Development Proposal are Linked with the Results of SWOT Analysis:

Identification of Key Activities and Each of its Specific Objectives:

After finding out the strengths, weaknesses, opportunities and threats from SWOT analysis the above mentioned institutional strategic plans are mapped with SWOT analysis

Strategic plan	**Mapping with SWOT Analysis**				**Expected outcomes**	**Mapping with components/ sub components of the project**
	S	**W**	**O**	**T**		
To provide trained and skilled engineers of highest quality to meet the global needs	S1 S2 S5 S6 S8 S11 S13 S14 S15 S20	W1 W2	O1 O2 O3 O6 O7	T2	Skilled Engineers with Professional Ethics	a) Improvements in teaching / learning/ training facilities. b) Modernization and Strengthening of Library or access to knowledge resources. c) Strengthening Industry-Institute Interaction.
To provide blended learning environments through Academic and Administration Reforms leading to increased learning outcomes of the students.	S1 S2 S3 S6 S11 S13 S15 S16 S17 S18 S20	W1 W2	O1 O2 O4 O5	T1	Conducive learning environment.	a) Improvements in teaching / learning/ training facilities. b)Enhancement of research interest among faculty/ students. c) Enhancement of Research and Consultancy activities.

To further improve our Laboratories /Research facilities/ Library to enhance the quality of the teaching and learning process	S2 S7 S9 S10 S11 S12 S16 S18	-	O1 O2 O3 O4 O6	T3	State-of-the-art academic and research facilities leading to better learning outcomes and Research outcomes.	a) Enhancement of Research and Consultancy activities. b)Improve quality of research by resource sharing through collaborative interaction c) Starting new PG Programs. d) Modernization and Strengthening of Library or access to knowledge resources.
To enhance the research culture and entrepreneurship among the faculty and students	S2 S6 S9 S10 S11 S12 S13 S16	W2 W3	O1 O2 O6	T2 T3	Increased number of funded research projects/ patents/ Quality research publications/ Innovations/entrepreneurs.	a) Faculty and staff development for improved competence based on TNA. b) Higher involvement of faculty in R&D activities. c) Institutional management capacity enhancement.
To create an environment that enhances the interaction with reputed Indian/ international institutions through mutual sharing of resources and joint research projects	S1 S2 S6 S7 S9 S10 S11 S12 S13 S14 S16 S17	W3	O1 O2 O3 O4	T2	MOUs/Joint Research Projects with reputed organizations/ industries.	a) Greater interaction with industry. b) Institutional management capacity enhancement. c) Developing institution to improve learning outcomes and employability of graduates. d) Implementation of institutional reforms
To Extend academic help to assist academically weaker students	S1 S6 S8 S16	W1	O5		Improving Academic Performance of the Student.	a) Academic support for academically weak students
To strengthen the competency of the faculty through Faculty Development Programmes and skills of technical	S1 S2 S6 S9 S16 S17	W3	O1 O2 O4	T1 T2	Compentent faculty, teaching staff and supporting staff, which helps in creating conductive environment.	a) Faculty and staff development for improved competence based on TNA. b) Higher involvement of faculty in R&D activities. c) Institutional

staff and others through periodic training program						management capacity enhancement. d) To provide Pedagogical Training to maximum faculty from project institutions.
To Start new PG Programs in emerging areas/technologies, thus improving the employability among students.	S1 S2 S9 S11 S14 S15 S16	W2 W3	O3 O4 O6 O7	T2	New/ Starting PG programs in the emerging area and strengthening the existing PG programs	a. Accreditation of all eligible UG / PG Programs. b. Providing additional Teaching and Research Assistantships for enrolment in Masters and Doctoralprogrammes in topics linked to economic or societal needs in the thematic areas c. Modernization and Strengthening of Library.
To obtain Accreditation for the remaining eligible UG / PG Programs as and when they become eligible.	S2 S4 S5 S8 S9 S11 S14 S16	W2 W3	O1 O2 O3 O4 O7	T1	100% Accredited Program (Eligible).	A. Implementation of institutional reforms B. Faculty and staff development for improved competence based on TNA. C. Increased involvement of faculty in R&D activities

2.3 State the Specific Objectives and Expected Results of your Proposal in terms of, "Institutional Strengthening and Improvements in Employability and Learning Outcomes of Graduates".These objectives and Results should be Linked to the SWOT Analysis.

Identification of Development Objectives, Related Specific Objectives, their Expected Results, and its Coherence with SWOT Analysis:

By considering the strategic plans mentioned above, we chalked out the objectives and related expected outcomes for the strategic plan.

Strategic plan based on SWOT analysis	Specific Objective	Expected Results
To provide trained and skilled engineers of the highest quality to meet the global needs	1. To increase the interaction with Tier-1/Tier-2 Industries 2. To enhance learning activities such as Case studies/course projects/ assignments/etc. leading to increased learning outcomes 3. To improve training of students on Contemporary issues	• Increased Placements of Graduates • Enhanced learning outcomes of the graduates
To provide blended learning environments through Academic and Administration Reforms leading to increased learning outcomes of the students.	1. To conduct Enrichment Programmes for senior Faculty 2. To provide OBE training for all faculty members to strengthen outcome based learning and teaching (OBLT) 3. To enhance learning activities such as Case studies/course projects/ assignments/etc. leading to increased learning outcomes	• Enhanced learning outcomes of the graduates • Conducive working environment for all stake holders.
To further improve our Laboratories /Research facilities/ Library to enhance the quality of teaching and learning process	1. To set up of newlaboratories in the emerging areas to improve the quality of PG/research in the institution 2. Strengthening of Library resources to keep pace with	• Rich Library Resources • Modern PG/Research Laboratories

	fast change in technology	
To enhance research culture and entrepreneurship among the faculty and students	1. To provide Seed money for pursuing research to Young faculty 2. To organize workshops/training on specific area of research for both faculty and students. 3. To organize training on IPR and entrepreneurship	• Attracting more Funded Research projects/Consultancy/Quality Research Publications • Focus towards IPR and Entrepreneurship.
To create an environment that enhances the interaction with reputed Indian/ international institutions through mutual sharing of resources and joint research projects	1. To further motivate the faculty and students to establish networking with reputed Institution	• Faculty/Student Exchange • Joint research projects • Increased number of MOUs
To Extend academic help to assist academically weaker students	1. To identify and handhold the academically weaker students	• Improved pass percentage/transition rate • Enhanced employability
To strengthen the competency of the faculty through Faculty Development Programmes and skills of technical staff and others through periodic training program	• To develop the faculty and staff holistically for enhancing their efficiency andeffectiveness for fulfilling therequirement of various academic responsibilities	• Skilled/Competent Faculty and staff
To Start new PG Programs in emerging areas/technologies, thus improving the employability among students.	1. Strengthening of the existing PG programmes 2. Starting of new PG programmes in the thrust/emergingareas.	• Research Focused PG Programs • Skilled PG Students leading to better employment
To obtain Accreditation for the remaining eligible UG / PG Programs as and when they become eligible.	1. To prepare the Self-Assessment Report and apply for NBA accreditation for all eligible Programs 2. To obtain NBA accreditation for eligible UG/PG programs	• Applying for NBA accreditation successfully • 100% of the Programs Accredited

2.4 Provide an Action Plan for:

a) **Improving Employability of Graduates.**
b) **Increased Learning Outcomes of the Students.**
c) **Obtaining Autonomous Institution Status within 2 Years.**
d) **Achieving the Targets of 60% of the Eligible UG and PGProgrammesAccredited by the End of Two Yearsand 100% Accreditation obtained andApplied for by the End of the Project of the Eligible UG & PG Programmes.**
e) **Implementation of Academic and Non Academic Reforms.**
f) **Improving Interaction with Industry.**
g) **Enhancement of Research and Consultancy Activities.**

a) Improving Employability of Graduates:

Improving Employability of Graduates:

Engineering institutions in Karnataka attract students from all over India as well as from foreign countries. There are nearly 200 Engineering colleges in Karnataka offering UG programs in almost all the recognized streams of Engineering / Technology. We are concerned about employability of our outgoing graduate students.

As on 31st March 2015, we have a good placement record. There is scope for improvement such as placing more students in Teir-1 companies.

Some of the initiatives taken to improve the employability of the graduates are

- First year students will during their orientation program exposed to opportunities they have and the professional competence they must develop.
- A course on communications in English, to improve verbal and non-verbal communication skills will be conducted with the support of English language and multimedia laboratory.
- Personality development programmes/Training programs are planned for second year students. These programs impart training on leadership styles and qualities.
- At the commencement of the third year students undergo soft skills/technical skills/Numerical Aptitude training program.
- Employability Induction Task focused at raising student awareness and interest in Internships and Placements, supported by Induction Sessions delivered by Accounting Professional Bodies

- Special courses are arranged to bridge the gap between the industry requirements and the subject knowledge acquired in the college.
- One of the major weaknesses of the students is their weak communication skills. The institute proposes to improve soft skills through special courses in English Communication. Both written and verbal training will be provided through professional trainers.
- More importance will be given to improve the transition rate of the students particularly in respect of students from reserved categories/rural background. The institute continues to provide remedial teaching (extra classes / tutorials) to bring weaker students to the required level of proficiency. This will also raise the confidence amongst academically weaker students and help them face rigorous processes of recruitment.

- **The institute would like to increase its interaction with the industry in the following ways:**
  measures:
  - Inviting more industry experts for participation in development and revision of curriculum.
  - Increased involvement of experts from industry in academic bodies like Academic Council, Board of Studies and Board of Examiners.
  - Arranging more aptitude tests, group discussions, and mock interviews by experts drawn from industries to prepare students to face the Interviews.
  - Organizing regular visits to industries.
  - Seeking assistance for Internship Program and to carry out projects in industries.
  - Arranging invited talks by experts from industry and research establishments in emerging areas.

PLAN OF ACTION:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
Tutorial & remedial Programs for weaker students						
Soft skill development programs						
Training in Technical Skills/Numerical Aptitude						
Course Project/ Case Studies/ Assignments						
Seminars/ workshops						
Industrial Interactions/ Connect						
Internship						
Placement Activity						

b) Increased Learning Outcomes of the Students:

Improving Learning Outcomes of Students in terms of Higher Pass Rates and Higher Academic Achievements:

Student learning outcomes are measured through ability of students to demonstrate The Institute has adopted measures to implement innovative teaching and learning processes. There is emphasis on keeping courses current with respect to global trends.

1. Updating of Curriculum as per industry/global requirements: The syllabus is periodically revised to accommodate the changing needs of the industry.
2. Improving student skills through course projects and case studies: The principles of outcome based education are implemented via learning methodologies such as course projects, case studies, seminars, take-home assignments, debates and hands-on training.. These expand the student capabilities for analysis, decision making and self-learning.
3. Implementation of Rubrics for better evaluation/assessment tools: Traditional evaluation methods have been replaced by Rubrics evaluation to assess the overall capabilities of the students. Importance is placed on inculcating and evaluating communication skills, presentation skills, project skills, self-development skills, ethics behavioral skills and usage of tools for computing practices. The course outcomes are accessed via course exit survey.

Our institute proposes to implement the following initiatives for increasing the learning ability of the students:

1. **Continue to create a Modern and Inspiring Curriculum:**

   The higher education curricula need to be continually responsive to the changing needs of societies in which the graduates will eventually be working and living. The knowledge base of the curricula has traditionally been shaped by the pedagogy of the discipline and relevant professions. We will continue to use technology for delivering education. Along with the transferable skills, develop curricula to meet changing global requirements keeping in view of employment opportunities.

2. **Enhancing Learner Support Systems:**

   Creating learner centric system for students which will give them greater self-confidenceand enable them to progress rapidly in their academic pursuits. Such an approach will provide a stronger foundation for student achievement. Equal importance will be given to prepare students to be independent and create facilities for self-learning. Thus acquired skills

   will stand them in good stead for subsequent employment and to become better citizens.

3. Creating an Innovative and Inclusive Learning Environment:

NMIT attracts a diverse student population. It seeks to attract students who are underrepresented in higher education today as well as those who have traditionallybetter representation inhigher education. This requires development of learning materials, supporting the use and application of ICT in teaching and learning.Also adopting learning methodologies such as course projects, case studies, seminars, take-home assignments, debates and hands-on training..

4. Encouraging Excellence in Professional Development:

The endowed faculty is the greatest asset of teaching and learning process. Therefore, faculty will be given the best possible support to enable them to excel in their professional development.

5. Encouraging Students Participation:

Students are to be encouraged to participate and develop innovative minor /major projects in their respective discipline. Students will be provided necessary infrastructure to participate in model making / programming contests.

6. Programme for Academically Weaker Students:

Conducting remedial coaching classes/tutorial for academically weaker students

7. Autonomy:

Since the college is an autonomous institution, several initiatives mentioned above have already been introduced and needs further streamlining and strengthening. The assessment system has equal weightage for Continuous Internal Evaluation as well as Semester End Examination.

8. Faculty Development Programmes:

Funding through TEQIP enables several initiatives for improving capabilities through training and Faculty Development Programmes. These result in improved Teaching Learning Process which not only improve the pass percentage but also background and quality of the student will be enhanced.

PLAN OF ACTION:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
Design of the curriculum						
Students learning activity like Course Projects/ Case Studies/ Assignments						
Internship/ Mini Project/ Self Study						
Industry/ Alumni Interaction for enrichment program for students						
OBE training and FDPs for faculty						

(c) Obtaining Autonomous Institution Status within 2 Years:

(Refer Annexure- 02)

Obtaining Autonomous Institution and Exercising of autonomy:

The college has already been granted Autonomous status for all its UG programs by Visvesvaraya Technological University, Belgaum and Government of Karnataka from the academic year 2007-2008 and has the concurrence of UGC, New Delhi.UGC team re-visited NMIT in the year 2012 and conferred autonomous status for a period of 6 Years with effect from Academic year 2012-13 to 2017-18

d) Achieving the Targets of 60% of the Eligible UG and PG programmes Accredited by the End of Two Years and 100% Accreditation Obtained and Applied for by the End of the Project of the Eligible UG & PG Programmes- (Refer Annexure-04)

Proposed Action for Obtaining Accreditation of UG and PG Programmes:

The institute has 7 B.E.programmes and 7 M.Tech Programs. Of these 14 programs, nine programs are eligible for accreditation. Four B.E. programs are accredited by NBA (Teir-1 Scheme). Results are awaited for one program. The list of the NBA accredited programs is furnished below:

Title of Programs offered	Accreditation Status
B.E- Computer Science and Engineering	Accredited
B.E -Electronics and Communication Engineering	Accredited
B.E- Information Science and Engineering	Accredited
B.E -Mechanical Engineering	Waiting for Results
B.E- Electrical & Electronics Engineering	Accredited

.

- At present 55.55% of the eligible programs are accredited. The UG program in Civil Engineering started in the year 2009-10. The UG Civil program is now eligible for accreditation. Action is being taken to get it accredited .
- With respect to the PG programs, three PG programs are eligible for accreditation. Action is being taken to get them accredited .

In this connect, we have initiated the following action:

- Preperation of the Self Assessment Report(SAR) for accreditation. The SAR is for the B.E- Civil Engineering, M.Tech – VLSI Design and Embedded systems, M.Tech – Computer Science & Engineering and M.Tech – Thermal Power Engineering.
- Considering the accreditation requirements, college is encouraging faculty to take up sponsored projects/IPR/ research publication/qualification up-gradation
- Introduction of further reforms in academics and in governance combined with strengthening of teaching, learning, research and development activity, research publications, patents, etc would facilitate the accreditation of remaining eligible UG / PG Programs.

PLAN OF ACTION:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
OBE training for Faculty						
Preparaing Self Assessment Report						
Applying for Accreditation						
Outcome Based Learning - Teaching						
Research Activities which leads to Quality Publications/ IPR/ Sponsored Projects						

e) Implementation of Academic and Non Academic Reforms:

Action Plan to Implement Academic and Non Academic Reforms:

The undermentioned academic and non-academics reforms are aimed at overall improvement in Strengthening Institution to improve learning outcomes and employability of graduates.

i) Curricular Reforms:

Nitte Meenakshi Institute of Technology revises the curricula for Engineering Education disciplines at the UG and PG levels so that students are trained to meet and address challenges in the work place. In the design and development of the curriculum NMIT does the following

- Offer conventional Engineering Courses for which there are good job opportunities. The courses are designed keeping in mind Programme Educational Objectives and Programme Outcomes.
- Align courses with requirements of the Industry, the opportunities available in the R&D institutions and the requirements for pursuing higher studies.
- Designing courses, considering curriculum of premier Institutions like IITs, NITs etc. are also considered.
- Refer to the model curriculum defined by Professional Bodies like IEEE, ASME, IETE, AICTE etc..
- Periodically revise course contents to keep them alined with emerging technologies, and to incorporate feedback from Industries/Associations like NASSCOM/Alumni etc.
- Introduce many program specific and Interdisciplinary Electives based on feedback/Suggestions from stake holders.
- The following Boards/Councils/Committees have been formed to design the curricula according to the UGC Norms
    - Board of Governance
    - Academic Council
    - Board of Studies
    - Departmental Under Graduate Committee

- Designs a curriculum comprising of components like Humanities, Basic sciences, Engineering Sciences and programme specific core courses and electives as per the guidelines of the statutory like AICTE etc.
- Designs a curriculum to meet the requirements of the affiliating university in terms of number of credits, flexibility, choice based credit system, grading in terms of CGPA, CIE standards, SEE standards etc.

ii) Exercising of Autonomy: (Refer Annexure-02)

Obtaining Autonomous Institution and Exercising of Autonomy:

- Rules and regulations for autonomous scheme have been formulated with concurrence of academic council as per the guidelines of VTU/UGC
- Various statutory and non – statutory committees have been formed which empower the faculty members to share responsibilities and take decisions to improve the quality of academic program offered by the college.
- Various departmental committees are formed every academic year for better performance of teaching learning processes. Faculty members are made members of various departmental and college level committees to ensure the participation of the entire faculty in the activities of college. This also helps in promoting administrative abilities of the faculty.

(Refer Copy of Rules and Regulations hand book is enclosed as Annexure:05.)

- Four funds i.e., Corpus Fund, Faculty Development Fund, Equipment Replacement Fund and Maintenance Fund have been created and maintained.
- Based on the financial commitment of each transaction, Principal and Heads of the departments are delegated with power/ responsibility for proper utilization of funds to scale up post graduate education and demand driven research & development and innovation.
- Substantial budget allocation has been made to scale up the PG programmes/start new PG program.
- The college has schemes to sponsor faculty and other staff for participation in developmental programmes, workshops, conferences, organized at regional, national and international levels. Besides participating in programmes cited above, faculty should also be trained to organize similar programs in the college.

- Upgrade/modernize the laboratory by procuring the equipment which can be used for carrying out the experiments in the state of the art technology and also by removing obsolescence.
- Conducting proficiency courses and organizing expert lectures.
- Support for initiating new revenue generation activities and applying for sponsored research projects.
- Separate capital and maintenance budget is prepared every year to scale up PG programmes and Research activities.
- Funding for Student innovation projects.

(iii) Improving Generation, Retention and Utilization of the generated Revenue:

- The institute will utilize and retain generated revenue from tuition and other fees from students, testing services, consultancy,sponsored research projects, patents, commercialization of R&D outputs, sharing of high-tech equipment with industries, public usage of infrastructure for academic activities, conducting training program in specialized areas etc. Revenue thus generated will be used for building up the above four funds and utilized for offering incentives to faculty and staff, instituting awards and rewards for students, faculty and staff, etc. with due approval from the BOARD OF GOVERNORS.
- The departments are already executing funded research projects sponsored by DST, DIT, DRDO, AICTE, VTU, ISRO, VGST, IEEE to name a few. The total worth of sponsored research projects and consultancy works executed in the college as on date is around Rs. 5.5crores. Through these projects, research laboratory facilities have been enhanced. PG and research students are involved in executing such projects apart from appointed research associates.

(iv) Filling-up All Existing Teaching and Staff Vacancies:

Nitte Meenakshi Institute of Technology is one of the premier institutes in the state of Karnataka established in 2001. Since inception, the institution is known for quality in teaching, training and research. The retention percentage of faculty is extremely good in spite of Bangalore being the hub of Education, R&D organizations and Industry.

- As per AICTE requirement, staff-students ratio is 1:15 for UG. Despite being a young institute the ratio is maintained consistently. A ratio of 1:12 is maintained for PG.

This takes care of research activities and executing funded projects. The ratio is maintained in spite of attrition, maternity and study leaves.

- The institution fills up the vacancies as and when created by way of advertising in leading News papers and holding the interviews by a panel of experts in the discipline. University nominee and subject experts are invited for interviews for selection of faculty.
- Two levels of interviews are conducted. One at the department level and other at the college level.
- Similarly, non teaching posts are also filled through advertisement and internal promotions.
- For non – teaching and administrative posts Trade tests , written tests and personal interviews are conducted.
- The Institution also provides opportunity to faculty and staff to upgrade their qualification, which is required for better performance and career advancement.
- Board of Appointment (BOA) frames the policy, guidelines for appointment in addition to the AICTE guidelines.
- Additional increments are offered at the time of entry based on their teaching/ industry/ R&D experience and qualification.
- To attract talent and improve retention among senior faculty special allowances are given.
- Faculty involved in research and guiding PhD candidates are given less teaching work and are also given additional facilities.
- Incentives are also given for publication of research papers and generating funds through projects. This needs to be further refined to attract more faculty to take up research and to enable college to retain faculty who have acquired PhD.
- With a view to further strengthen research and also attract more talented faculty, it is being planned to slowly move towards 1:12 and 1:10 faculty student ratio for UG and PG respectively.There is also a plan to create a cadre of research faculty, who will have to take up higher research activities and also leadthe other faculty in research work.
- A portion of the corpus funds may also be used to provide seed money for research.

(v) Delegation of Decision-Making Powers to Senior Institutional Functionaries' withAccountability:

Our Institute provides adequate powers to senior functionaries like Principal,Deans and HoDs with accountability to help better implementation of Project. The powers and responsibilities of the Director/Principal, Deans, HoDs, Professors and other senior faculty in the department, laboratory in-charges and other functionaries are clearly defined and in effect powers are decentralized. As a measure of Financial Reforms, adequate financial powers to the Director/Principal/HODs/Professors of the Institution and other functionaries are delegated by the Board of Governors.

The suggested minimum financial power delegated is listed below:

- Director/Principal/ Dean Rs. 10.00 lac for single purchase order.
- Head of the Department or equivalent: Rs.1.00 lac for single purchase order.
- All expenditure above Rs. 50.00 Lac would have to be approved by the Board of Governors. Similarly all expenditure above Rs.1.00 lac by the Head of the Department shall be approved by the Principal
- All actions connected with Continuing Education Programmes such as Faculty Consultancy, Faculty Development Programmes, Industrial Consultancy Programmes, seminars and conferences should be reported to Board of Governors.

Following are the committees functioning in the institution and department level:

<table>
<tr><th>Statutory Committees</th><th>College Level Committees</th><th>Department Level Committees</th></tr>
<tr><td rowspan="2">Board of Governors</td><td>Academic Monitoring Committee</td><td rowspan="3">Departmental Under Graduate Committee</td></tr>
<tr><td>Accounts Committee</td></tr>
<tr><td>Anti-Sexual harassment Committee</td><td>Technical Purchase Committee</td></tr>
<tr><td rowspan="3">Board of Appointments</td><td>Infrastructure Committee</td><td rowspan="3">Budget committee</td></tr>
<tr><td>Internal Quality Assurance Cell</td></tr>
<tr><td rowspan="2"></td><td>Examination Co-ordination</td></tr>
<tr><td>Time Table Committee</td><td rowspan="3">Internal project committee</td></tr>
<tr><td rowspan="2">Board of Examination</td><td>Alumni Association</td></tr>
<tr><td>Science Forum</td></tr>
<tr><td rowspan="3">Grading Advisory Committee</td><td>Cultural Activities Committee</td><td rowspan="4">Time table committee</td></tr>
<tr><td>Attendance and internal assessment Co-ordination</td></tr>
<tr><td rowspan="3">Finance Committee</td><td>EDP Committee</td></tr>
<tr><td>Placement Committee</td></tr>
<tr><td>Sports Committee</td><td>Examination committee</td></tr>
</table>

TEQIP Core Group	Canteen Committee	
	Transport Committee	
Anti-Ragging Committee	Endowment and Scholarship Committee	
	Mal practice Cases Consideration Committee	Counseling and Mentoring
Industry Institute Interaction Cell	Accreditation Committee	
	Magazine Committee	
Senior Professor identified for Right to information act	Grievance Redressal Committee	Advisory Committee
	Student Counseling Committee	

(vi)Improved Student Performance and Evaluation:

Evaluation of students will be carried out continuously, with following measures,

- Implementing best teaching practices.
- Giving Special attention to academically weaker students
- Remedial action based on students feedback
- Taking steps to announce the results within a week of last examination.
- Maintaining transparency in examination/ evaluation process.
- Remedial classes are to be organized for slow learners.
- Parents' meeting is to be organized by every department, once in a semester to get their feedback.
- Provision is made for Re-totaling, Revaluation and furnishing the photocopy of answer script to students to make the system transparent.

vii) Performance Appraisal of Faculty by Students:

- Institute has made it mandatory to take students feedback at regular interval in each semester. From 2012, Institute has implemented and adopted online feedback mechanism to maintain transparency.
- Head of the department evaluates faculty's performance taking teaching, regularity, research out puts, handling student affairs, sincerity, unbiased evaluation, responsibilities accepted and executed at the departmental level, ability to work in a team etc as inputs.
- An important feature of appraisal system is the introduction of the concept of peer appraisal. Here, each faculty is evaluated by their peers in the department who will

have regular interactions in day to day working. This determines the ability of faculty to work in a team and create congenial atmosphere in the department.

- The overall performance appraisal of the faculty & staff is considered as one of the guidelines for career advancement/ promotions and to assign challenging tasks to the faculty.

viii) Incentive to Faculty for Participating in Consultancy and R & D Activities:

The college has a Research Council to monitor and address the issues of research/consultancy.

Few recommendations implemented are

1. Taking up sponsored research projects from external funding agencies.
2. Stress on Interdisciplinary Research Activities
3. Motivating Faculty and UG & PG students to involve in sponsored research projects and get additional credits.
4. Encouraging students for publishing their work in National/International Conferences/Journals.
5. To develop innovative products, leading to patents.

Impacts

1. The faculty are able to get funding from sponsoring agencies like DST, DIT, ADE, CAIR, NRB, VGST, VTU, IEEE etc for the proposed research projects.
2. Good amount of research projects are carried out & completed successfully.
3. The Institute has the multidisciplinary research in the areas like design, development of small satellites, vision based robotics and nano materials/ Technology.
4. Good number of UG & PG students are involved in implementation of research projects.
5. Both Faculty and UG & PG Students have published their work in National/International Conferences/Journals

In this connection, we have initiated the following action:

- Faculty carring out a Research Project, are given complete independence for execution of the Research Project.
- Faculty is encouraged to bring sponsored projects from external funding agencies.

- Faculty are provided complete support from the institution in terms of Infrastructure, Computational Facilities, specially allotted time for carrying out research.
- Faculty carring out a Research Project, have been given some reduction in the work load.
- Policy has been worked out for giving additional incentives.
- 100% Financial support is given for faculty & student for publishing & patenting their work.
- The Faculty undertaking research and development work are given recognition and other incentives.
- The revenue generated out of consultancy services are shared among the faculty involved. The ratio of sharing depends on the utilization of the resources in the institution.
- Faculty are deputed to industries for few months to hands on learning in emerging technologies.
- Study leave is granted with full salary to faculty pursuing higher studies likepost graduation, Doctoral programme.

ix) Accreditation of Eligible UG and PG Programmes:

The institute is havingInternal Quality Assurance Cell at the Institute level to oversee the activities of the Accreditation process. At departmental level, we are having Program coordinators, Course coordinators, Program assessment committee and Advisory committee for Preparing SAR, Applying for accreditation and successfully face the accreditation visits.

All the initiations mentioned above are continuous process.

PLAN OF ACTION for implementing Academic and Non Academic Reforms:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
Design of curriculum						
Outcome Based Learning and Teaching						
updation of the four funds						
Student evaluation						
R&D Enhancement						
Industrial interaction enhancement						
Accreditation of Programs						

Improving Interaction with Industry:

Enhance Interaction with Industry:

o The college has a taken several initiatives to closely interact with Industries such as deputation of Students to carry Internship Programs/ Post Graduate students for doing their projects/Inviting Experts from Industries to teach Industry specific courses, etc.

o The college has students' chapters of professional societies such as IEEE, ISTE, IETE, CSI, SAE etc. which interact with the Industry and enable students to undertake collaborative projects.

o Being an autonomous institute , industry experts and the alumni are involved in the design of curriculum and the syllabus.

o The placement cell arranges lectures and training programs for students in subject area as well as soft skills from industry personnel.

o Large number of students undergo internship in industries during summer vacation

o College has an IEDC cell which arranges lectures on entrepreneurship, patenting from industry personnel, NEN.

o College has MOUs with several industries like Texas Instruments, Infosys, Wipro, Cypress Semiconductors, DELL, EMC2.

o College has an MOUs with PIA, SAE, MSME.

College industry interactions resulted in the establishment / creation of highly specialized laboratories facilities

Organization	new lab/facility is established through collaboration
ISRO	• Satellite Integration and Testing facility -Clean Room • NASTRAC- Satellite Tracking Facility
DRDO Labs	• Robotic Laboratory • Image and Video Processing Lab • Computational Fluid Dynamics Lab
NITK	Advance Manufacturing Lab
Cypress Semiconductor-	PSoC Lab
Cranes software	TI Lab
IISc, Bangalore	Polymer MEMS Applications Design Facility
Texas Instrument	Microcontroller Lab
DELL –R&D	Parallel , Grid & Cloud Research Lab

Following Committee is formed to look in to the Industry –Institute Interaction:

Name	Position
Dr.H.C.Nagaraj Principal,NMIT	Chairman
Dr.Jharna Majumdhar Dean (R&D),NMIT	Member
Ms. Bhanurekha Reddy Director-Placements & Training NMIT	Member
Dr. Sandya S HOD (E&C Engg) NMIT	Member
Dr. Ravikumar H M HOD (E&E Engg) NMIT	Member
Dr. Dinesh Anvekar HOD (C S& Engg). NMIT	Member
Dr. Sanjay H A HOD (IS& Engg). NMIT	Member

PLAN OF ACTION:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
Initiating MoUs with reputed company/organization						
Experts lecture						
Strengthening placements in UG/PG Programs						
Mutual resource sharing with industry						
Initiation towards setting up of Industry collaborated laboratory facilities						

(g) Enhancement of Research and Consultancy Activities:

The institution is actively involved in R&D in the frontier/cutting edge/multidisciplinary areas of Engineering and Science. The institute is able to achieve following milestones in a short period of time

- NMIT established five Centres of Excellence in Prominent mutidiciplinary Research Areas
    - Center for design and development and launching of Small satellite in collaboration with ISRO
    - Center for design and development of vision based ROBOTS
    - Center for Nano Materials and MEMS
    - Center for Design & Process Simulation
    - Center for Computational Fluid Dynamics

- India's First Pico Satellite has been launched on 12th July 2010 through PSLV-C15 Vehicle from Sriharikota.
- Working model of Pick & Place Robot has been kept as a Permanent Exhibit in Birla Science Center, Hyderabad
- Ten departments are recognized as Research Centres by VTU and University of Mysore
- NMIT has Several Sponsored research Projects amounting to Rs. 5.5 Crores sanctioned by different reputed National Funding Agencies such as
    - Department of Science & Technology, New Delhi
    - Department of Information Technology, New Delhi
    - AICTE, New Delhi.
    - DRDO (ADE, CAIR, CVRDE, NRB)
    - VGST, Govt. of Karnataka
    - IEEE
    - VTU, etc.
- **I**nnovation and **E**ntrepreneurship **D**evelopment **C**entre was established in the year 2010 and funded by the Department of Science and Technology (NSTEDB), New Delhi to the tune of Rs. 45 lakhs.
- NMIT has established Business Incubator supported by MSME (Micro, Small and Medium Enterprises), Govt. of India
- NMIT has established an Innovation Club supported by Visveswaraya Technological University and Govt. of Karnataka with a seed money.

Following activities will further enhance research and consultancy:

- Providing seed money for Young Faculty to undertake research/innovative projects
- Incentive scheme for faculty who take up consultancy and testing
- Creating suitable facilities in the areas ,where we have expertise for consultancy and testing services.
- Appointing research assistants to support the faculty in research ,development, consultancy and testing services
- Encouraging faculty to go abroad for paper presentations in International Conferences.
- Strengthening Research laboratories in each department.
- Identifying research areas in consultation with experts from time to time to take up new sponsored research projects.
- Promoting, facilitating and providing the necessary support to the advancement of research undertaken at the college.

- Organizing seminars/workshops in relevant areas of research and to disseminate research outcomes.
- Encouraging and providing incentives for publishing research outputs through appropriate channels (i.e.books, journals, reports etc.)
- Introducing appropriate administrative reforms to promote research and consultancy in the institute.
- Marketing the consultancy services.
- Establishing linkages with leading Academic Institutions, Research establishments and Industries within the country and globally.
- Incentive scheme for the faculty involving in active research by way of:

i. Payment of membership fee of any professional society.
ii. Book allowances.
iii. Re imbursement of Subscription to journals
iv. Arranging training program for research scholars on IP rights and patenting.

PLAN OF ACTION:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
Identifying relevant areas in consultation						
Inviting Research proposals from departments						
Creating required research facility						
Identifying the scope of consultancy and practicing						
Research activities like funded research projects, publications/IPR,etc.						

2.5 Provide an Action Plan for Improving the Academic Performance of SC/ST/OBC/Academically Weak Students through Innovative Methods, such as Remedial and Skill Development Classes for Increasing the Transition Rate and Pass rate with the Objective of Improving their Employability.

Following key activities are strengthened to improve the academic performance of SC/ST/OBC/academically weak students with the objective of improving their employability;

- In order to identify academically weaker Students, Diagnostic tests and statistical analysis are to be carried out within first month of academic semester, remedial measures carried out continuously thereafter.
- Honorarium to faculty and staff for taking bridge courses, remedial teaching classes and skilldevelopment training to bring all students to required level of proficiency. This will also raise the confidence amongst academically weaker students and help them in facing the rigor processes of recruitment.
- One of the major weaknesses of the academically weak students is their poor communication skills. The institute proposes to improve these skills by arranging special expert lectures.
- The institution hasthe practice of appointing one faculty member for every 10-15 students entering the first year. These Faculty Advisers/ Mentors/Proctorsare advised to establish a close relationship with each student, orient them to best practices followed in the college and also keep tack of the progress regularly (e.g., with at least fortnightly/monthly meetings) and guide them throughout their four-year course. The institute has adopted the ERP software to strenghthen the mentoring system.
- The college has a student counsellor whose services can be availed by the students to share or/and get relief as and when they encounter with problems.
- Additional training programs for weaker students for facing campus interviews.
- Providing extra classes, extra notes and extra guidance for academically weaker students.
- Organizing tutorials involving a mixed group of 10-12 students both academically good and weak students.

- Diagnosing and Tracking Students' Performance and Attendance particularly in 'difficult' subjects
- Teachers will be encouraged to use ICT in the classrooms for effective communication between them and the students.

Nitte Meenakshi Institute of Technology, since its inception is having a committee to look into overall improvement of the SC/ST/OBC/academically weaker students with the objective of improving their employability. At present NMIT has constituted following committee to administer the above mentioned program.

Name	**Position**	**Nature of duty**
Dr. H.C.Nagaraj Principal,NMIT	Chairman	Overall control, monitoring and implementation of the various programs
Prof. K.A.R.Setty Dean (academic), NMIT	Chief Coordinator	1.Formulating academic time table and action plan in connection with weak students. 2.In consensus with HODs Monitoring remedial classes 3. Monitoring overall activity in connection with weak students
Dr.Abdul Sattar HOD, Dept of Physics	1st year Coordinator	1.Appointinting faculty advisor to students 2.Organizing special class/ tutorial/remedial classes. 3.Monitoring progress report of the students 4.Periodic assessment of remedial classes and their outcome. 5.Organizing special communication class 6.Students feedback evaluation
Dr. Srilatha Rao HOD, Dept of Chemistry	Dy.1st year Coordinator	1.Assessing faculty advisors report and suggesting remedial course of action thereafter. 2.Monitoring ragging/sexual harassments. 3.Helping to 1st year coordinator in monitoring progress report of the students.
Dr. Srinivasappa Professor Electronics &Communication Engg	Coordinator (Electronics & Communication Engg)	1.Appointinting faculty advisor to students 2.Organizing special class/ tutorial/remedial classes. 3.Monitoring progress report of the students 4.Periodic assessment of remedial classes and their outcome. 5.Organizing special communication class 6.Monitoring / conducting technical seminar in

		connection with employability 7.Guiding/suggesting technical projects in the last semester 8. Students feedback evaluation
Mrs. Vasudha Hegde Asst.Professor Electrical &Electronics Engg	Coordinator (Electrical &Electronics Engg)	1.Appointinting faculty advisor to students 2.Organizing special class/ tutorial/remedial classes. 3.Monitoring progress report of the students 4.Periodic assessment of remedial classes and their outcome. 5.Organizing special communication class 6.Monitoring / conducting technical seminar in connection with employability 7.Guiding/suggesting technical projects in the last semester 8. Students feedback evaluation
Dr.Sanju V Professor Computer Science &Engg	Coordinator (Computer Science &Engg)	1.Appointinting faculty advisor to students 2.Organizing special class/ tutorial/remedial classes. 3.Monitoring progress report of the students 4.Periodic assessment of remedial classes and their outcome. 5.Organizing special communication class 6.Monitoring / conducting technical seminar in connection with employability 7.Guiding/suggesting technical projects in the last semester 8. Students feedback evaluation
Dr. Pransanta Gogoi. Professor Information Science &Engg	Coordinator (Information Science &Engg)	1.Appointinting faculty advisor to students 2.Organizing special class/ tutorial/remedial classes. 3.Monitoring progress report of the students 4.Periodic assessment of remedial classes and their outcome. 5.Organizing special communication class 6.Monitoring/conducting technical seminar 7.Guiding/suggesting technical projects in the last semester in connection with employability 8. Students feedback evaluation
Dr .Ananthayya Professor Civil Engg	Coordinator (Civil Engg)	1.Appointinting faculty advisor to students 2. Organizing special class/ tutorial/remedial classes. 3.Monitoring progress report of the students 4.Periodic assessment of remedial classes and their outcome. 5.Organizing special communication class 6.Monitoring/conducting technical seminar 8. Students feedback evaluation

Dr. Thippeswamy, Professor Computer Science &Engg	IV Year Project Co-ordinator	To assist /guide/suggest technical projects with the objective of improving their employability.
Mrs. Bhanurekha Reddy Placement Officer	Coordinator (Placement &Training)	1.Organizing periodic placements training 2.In consensus with HODs Monitoring regular industrial visits /training. 3.Organizing lecture from industrial experts 4.Organinzing mock placement interview 5.To orient the students and enable them to participate in various competitions, seminars, workshops and programmes conducted by othercolleges.
Mrs.Sharma Students Counselor NMIT	Students Counselor	1.counseling students who are experiencing personal, social, educational or behavioral problems. 2.To help students to identify their interests, aptitudes and abilities 3.To help students improve their study habits 4.Refer students to appropriate services and agencies when required.

To increase the transition rate of the academically weak students in the first year, NMIT has made separate coaching time table for coaching classes. For the current academic year we have following time table for the benefit of students.

Special Coaching For Academically Weaker SC/ST/ OBC/ First Year B.E Students:

ACADEMIC SESSION 2015-2016 (Odd Semester)

Time Table					
Day	**Sections**	**Subject Title**	**Credits**	**Faculty Name**	**Time**
MON	A,B,C,D	Mathematics-I	4	Mr. Dhananjay Murthy	4.15-6.15 P.M
	E,F,G	Basic Electronics Engineering	4	Ms. Naina Karkal	
	H,I,J,K	Mathematics-I	4	Mr. Sree Gourav	
	L,M,N	Engineering Physics	4	Dr. S Abdul Sattar	
TUE	A,B,C,D	Engineering Chemistry	4	Dr. Srilatha Rao	
	E,F,G	Mathematics-I	4	Mr. Dhananjay Murthy	
	H,I,J,K	Engineering Physics	4	Mr. Shiva Prasad	
	L,M,N	Mathematics-I	4	Mr. Sree Gourav	
WED	A,B,C,D	Basic Electronics Engineering	4	Mrs. Veda	
	E,F,G	Engineering Chemistry	4	Dr. Aravind T	
	H,I,J,K	Basic Electrical Engineering	4	Mr. Ramesh	

	L,M,N	Elements of Mechanical Engineering	4	Mr. Praveen Kumar	
THU	A,B,C,D	Computer Concepts & C Programming	4	Mr. Chandra Sekhar	
	E,F,G	CAD	4	Mr. Hemanth Kumar	
	H,I,J,K	Engineering Mechanics	4	Mr. Vinay M	
	L,M,N	Basic Electrical Engineering	4	Mr. Pertha Sarathy	
FRI	A,B,C,D	CAD	4	Mr. Sandeep G	
	E,F,G	Computer Concepts & C Programming	4	Mr. Afroz Pasha	
	H,I,J,K	Elements of Mechanical Engineering	4	Mr. Mahadev prasad	
	L,M,N	Engineering Mechanics	4	Mr. Kiran M U	
SAT	A,B,C,D	Basic Electronics Engineering	4	Mrs. Veda	2-4 P.M.
	E,F,G	Mathematics-I	4	Mr. Dhanunjay Murthy	
	H,I,J,K	Mathematics-I	4	Mr. Sree Gourav	
	L,M,N	Engineering Mechanics	4	Mr. Kiran M U	
SUN	A,B,C,D	Mathematics-I	4	Mr. Dhanunjay Murthy	
	E,F,G	Basic Electronics Engineering	4	Ms. Naina	9-11 A.M.
	H,I,J,K	Engineering Mechanics	4	Mr. Vinay M	
	L,M,N	Mathematics-I	4	Mr. Sree Gourav	

Special Coaching For Academically Weaker SC/ST/ OBC/ First Year B.E Students:

ACADEMIC SESSION 2015-2016 (Even Semester)

Time Table					
Day	**Sections**	**Subject Title**	**Credits**	**Faculty Name**	**Time**
MON	H,I,J,K	Mathematics-I	4	Mr. Dhananjay Murthy	4.15-6.15 P.M
	L,M,N	Basic Electronics Engineering	4	Ms. Naina	
	A,B,C,D	Mathematics-I	4	Mr. Sree Gourav	
	E,F,G	Engineering Physics	4	Dr. S Abdul Sattar	
TUE	H,I,J,K	Engineering Chemistry	4	Dr. Srilatha Rao	
	L,M,N	Mathematics-I	4	Mr. Dhananjay Murthy	
	A,B,C,D	Engineering Physics	4	Mr. Shiva Prasad	
	E,F,G	Mathematics-I	4	Mr. Sree Gourav	
WED	H,I,J,K	Basic Electronics Engineering	4	Mrs. Veda	
	L,M,N	Engineering Chemistry	4	Dr. Aravind T	
	A,B,C,D	Basic Electrical Engineering	4	Mr. Ramesh	
	E,F,G	Elements of Mechanical Engineering	4	Mr. Praveen Kumar	
THU	H,I,J,K	Computer Concepts & C Programming	4	Mr. Chandra Sekhar	
	L,M,N	CAD	4	Mr. Hemanth Kumar	
	A,B,C,D	Engineering Mechanics	4	Mr. Vinay M	
	E,F,G	Basic Electrical Engineering	4	Mr. Pertha Sarathy	
FRI	H,I,J,K	CAD	4	Mr. Sandeep G	
	L,M,N	Computer Concepts & C Programming	4	Mr. Afroz Pasha	
	A,B,C,D	Elements of Mechanical Engineering	4	Mr. Mahadev prasad	

	E,F,G	Engineering Mechanics	4	Mr. Kiran M U	
SAT	H,I,J,K	Basic Electronics Engineering	4	Mrs. Veda	2-4 P.M.
	L,M,N	Mathematics-I	4	Mr. Dhanunjay Murthy	
	A,B,C,D	Mathematics-I	4	Mr. Sree Gourav	
	E,F,G	Engineering Mechanics	4	Mr. Kiran M U	
SUN	H,I,J,K	Mathematics-I	4	Mr. Dhanunjay Murthy	
	L,M,N	Basic Electronics Engineering	4	Ms. Naina	9-11 A.M.
	A,B,C,D	Engineering Mechanics	4	Mr. Vinay M	
	E,F,G	Mathematics-I	4	Mr. Sree Gourav	

PLAN OF ACTION:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
Identification of weaker students						
Designing remedial measures						
Communication skills Training						
Organizing training for campus interviews						
Special coaching/ Remedial Classes						
Training to improve technical skills						

2.6 Provide an Action Plan for Strengthening of PG Programmes, if any and Starting of New PG Programmes

Strengthening of Existing PG programmes and Starting of New PG Programmes:

After close examination of institutional and departmental SWOT analysis and on identifying our strength and opportunities, the college is proposing to start one more new PG Programs along with strengthening of existing PG programs. In the academic session (2015-16), college is starting a new PG program in Renewable Energy.

The strengthening of PG Programs is planned to be carried out with following objectives and actions.

Sl. no.	Objectives	Actions
1.	Starting up New PG Programs and strengthening the existing PG programs.	• Identifing specilesed areas to start new PG programs and increasing intake of the exsisting program. • Design of up to date academic curriculum. • Preparing the project report and seeking aprovels from University/AICTE. • Setting up new state of the art lab for the new program with required software. • Appointing New Faculty with specialization in the

		• respective knowledge domain.
2.	To strengthen the research activities through PG Programs.	• The library will be strengthened through subscriptions to more journals, procurements of latest reference books, development of digital library. • State of the art equipments and software's are procured to update the lab facility. • Initiating collaborative, research and development activities. • Enhancing Consultancy Services and Testing Services. • Commercialization of Innovative Student /Faculty Projects. • Attempts shall be made to obtain sponsored research projects in various departments ,so that live industrial problems can be offered to the students for their PG dissertation works. • Subscriptions of additional E-journals in different disciplines.
3.	To increase in enrollment to the PG Programs.	• Fellowships will be offered to non-GATE students through projects fund. • Final year UG students of the institute will be encouraged to opt for Master's degree.

Following are M.Tech programmes being offered /planned to offer at our institution:

Department	**Existing PG Programmes**	**Present Strength**	**Proposed Plan for increase in strength**	**Proposed new PG Programme**	**Proposed Strength**
Computer Science&Engg	M.Tech (Computer Science and Engineering)	36	-		
Electronics& Communications& Engg	M.Tech (VLSI Design and Embedded System)	18	24		
	M.Tech (Digital communication& Networking)	18			
Mechanical Engineering	M.Tech (Thermal Engineering)	18			
	M.Tech (Machine Design)	24			
Information Science&Engg	M.Tech (Computer Network Engineering)	18			
Civil Engineering	M.Tech (Structuaral Engineering)	24			
Electrical& Electronics Engineering				M.Tech (Renewable Energy)	24

New Programmes Proposed /started:

Name of the Program	Level	Proposed Annual Intake	Proposed Year of Starting	AICTE Approval
Renewable Energy	PG	24	2015-16	Got approval from AICTE

Establishment of New Laboratories:

Name of the program	Name of the lab/workshop	Purpose/ linkages to an existing/ new Programme	Indicate starting and completion time	
			Starting	Completion
MTech – Renewable Energy	Energy Lab	New PG	July 2015	Dec 2015

Additional Faculty Required:

Department	Purpose	Designation	Numbers
Electrical and Electronics Engineering	For new PG Programme	Associate Professor Asst Professor	1 1

PLAN OF ACTION:

Activities	Project Months					
	1-3	4-6	7-9	10-12	13-15	16-18
0btaining AICTE approval						
Starting up new PG Programs						
Faculty appointment						
Setting up new laboratory						
R&D activity						
Strengthening laboratories of existing PG Programs						

2.7 Attach the Summary of Training Needs Analysis Carried out. Also Provide Faculty Development Plan upto 31st October 2016 for Improving their Teaching, Subject Area and Research Competence based on Training Needs Analysis (TNA) in the Following Areas.

Objectives:

i.) To identify the deficiencies in the existing set of skills, capabilities and knowledge of faculty/ staff.

ii.)To find out the ways and means to upgrade the skills, capabilities and knowledge in order to over come the deficiencies.

Iii.)To identify/ suggest possible training courses and institutions for providing training/ exposure on the identified areas/ subjects to realize excellence in technical education.

Nitte Meenakshi Institute of Technology adopted following steps/ procedure to arrive at the Institutional TNA.

Step 1: Following information is used while exercising individuals TNA:

- Institution's Strategic Development Plan.
- Institution's SWOT analysis.
- Previous years' Development/Training plans.
- Faculty /Staff feedback.
- Students' feedback.
- Information on previously attended training programmes.
- Alumni feedback.

Step 2: All faculty/staff havealready submitted TNA proforma indicating their training needs along with their development objectives, to the HODs.

Step 3: HODs have consolidated TNA information provided by the faculty and added their own training need and come out with a develpemental training need fort the departmentinproforma viii. Thus structured proforma is further forwarded for Principal's approval.

Step 4: After careful review of the all departments /sections training /development needs along with his own training needs, Principal has consolidated it into an institutionaltraining/ development need (proforma ix), keeping in view the institutions objectives/ priorities.

Step 5: BOG has approvedinstitutional training/ development need (proforma ix), on recommendation of Principal.

The Analysis outcome: Based on the collective information received, it is concluded that following categories of training are absolutely essential in a phased manner:

1. Faculty:

a. Short and long term FDPs in specific areas
b. Computer programming skills.
c. Use and Application of general statistical tools, like MATLAB, etc.
d. Teaching methodology.
e. Student management.
f. Research methodology and technical paper writing.
g. Budgeting and finance management.
h. Preparation Research Proposal for funds .
i. Leadership training for senior faculty.
j. Stress and time management.
k. Training in pedagogy.
l. Additional training for SC/ST/OBC/Women/ for enhancing their capabilities and thus improving the inclusive growth of the institute.

2. Heads of the Department and Sections:

a. Leadership training and team management
b. Short and long term FDPs in specific areas
c. Student management.
d. Advances in higher education methodologies at national and international levels.
e. Budgeting, finance and management.
f. Stress and time management.
g. Project Management and System integration.

3. Principal:

a. Knowledge about Interdisciplinary technology trends
b. Advances in higher education methodologies and management at National and International level
c. Updates on higher education policy at State and National level
d. National and International quality policies in higher education
e. Technology management and Forecasting
f. Collaborations with other National and International Universities.

4. Management:

a. Over view of interdisciplinary technology trends

b. Advances in higher education methodologies and management at national and international level
c. Updates on higher education policy at state and national level.
d. HR rules and regulations (State and National)
e. Technology management and Forecasting
f. Collaborations with other National and International Universities.

5. Supporting Staff:

a. Technical skills up gradation.
b. Higher qualifications where ever required in view of changing technology and to create career development avenues for them.
c. Behavioral skills.
d. Communication and language skills.
e. Team spirit
f. Stress management
g. Time management
h. Additional training for SC/ST/OBC/Women/ for enhancing their capabilities and thus improving the inclusive growth of the institute.

6. Administrative Staff:

a. Computer Training.
b. Accounting and use of Tally (software).
c. Behavior/Attitude and Communication.
d. Enterprise management system.
e. Autonomous system rules and regulations.
f. Additional training for SC/ST/OBC/Women/ for enhancing their capabilities and thus improving the inclusive growth of the institute.

Training to improve pedagogical skills of faculty for better student learning:

Pedagogical Training will be offered in 2 modules (i) Basic Module and (ii) Advanced Module, each of one week duration in batches. The modules will include both theory and hands on learning. The basic training would be given during the First and Second years of the Project while the advanced training would be provided from the Second Year onwards only to those who have completed the basic training.

Action Plan:

Basic Pedagogy:

As per the PIP, Pedagogy Training has to be organized by SPFU . Since SPFU has not organized the training , so Institute proposes to conduct pedogogy training as per the following schedule

Batch no	Date	Participants	Areas of training	Institute	Duration
1	15 Jun 2015-20 June 2015	Newly recruited faculty having less than 1 year of experience.	Basic pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days
2	20 July 2015-25 mar2015	Faculty having less than 2 year of experience.	Basic pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days
3	3 Aug 2015-8 Aug 2015	Faculty having less than 3 year of experience	Basic pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days
4	21st Dec 2015-26th Dec 2015	Faculty having less than 4 year of experience	Basic pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days
5	4th Jan 2016-10th Jan 2016	Faculty having less than 5 year of experience	Basic pedagogy	NITTR Chennai/Resource Persons identified by the institute/ SPFU/NPIU	6 days

Advanced Pedagogy:

Batch no	Date	Participants	Areas of training	Institute	Duration
1	11 Jan2016-16 Jan 2016	Lecturers/senior Lecturer/ Asst.Prof/ Prof	advanced pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days
2	20st Jun 2016-25thJun2016	Lecturers/senior Lecturer/ Asst.Prof/ Prof	advanced pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days
3	27th Jun 2016-2 Jun 2016	Lecturers/senior Lecturer/ Asst.Prof/ Prof	advanced pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days
4	4th Jul 2016-9th Jul 2016	Lecturers/senior Lecturer/ Asst.Prof/ Prof	advanced pedagogy	NITTR Chennai/Resource Persons identified by the Institute/ SPFU/NPIU	6 days

5	11 Jul2016-16 Jul2016	Lecturers/senior Lecturer/ Asst.Prof/ Prof	advanced pedagogy	NITTR Chennai/Resource Persons identified Institute/ SPFU/NPIU	6 days

Subject / Domain Knowledge Enhancement for Faculty.

Development Faculty in Subject Domain:

(Details of Technical staff training in their subject domain is given next section 2.8)

NMIT committed to train and develop the faculty in their Subject / domain for knowledge enhancement. After careful examination of training needs, we propose following training timetable with an ultimate objective of increased learning outcomes and employability of students through;

- Sound knowledge of the fundamentals / computational aids / numerical techniques and simulation.
- Ability to carry out the design process from problem definition to solution.
- Ability to gather information and solve interdisciplinary problems.
- Ability to visualize concepts and designs to represent them in pictorial form.
- Ability to find approximate solutions by making reasonable engineering assumptions when required.
- Enhancing collaborative R&D activity.
- A strong commitment to national development through the use of technology consistent.
- A high degree of self-confidence for decision-making
- An ability to work individually and as part of a team.
- Effective oral and written communication skills.

The proposed training program will be organized at the college level where faculty from various departments will participate in the training program:

Computer Science & Engineering:

Areas of training	Name of the Faculty	Duration & Tentative Date	Trainer/Organization
Networking Technologies & Simulation using NS3	Mr. Mohan B A Ms. Anju Ms. Ramya S Mr.Nagaraj	5 days, Jan 2016	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic

(FDP)	Mr. Afroz Pasha Ms. Chaithra H V Mr. N. Sreenivasa Ms. Chaitra K Mrs. Vijaya Shetty Ms. Prathibha Ballal Ms. Kavitha Sooda Ms. Archana Naik Ms.Sujatha Joshi Ms.Nirmala Ms.Sushma And other Departments staffs		Institutions
Advanced in Virtualization and Visualization techniques	Mr. Mohan B A Ms. Anju Ms. Ramya S Mr.Nagaraj Mr. Afroz Pasha Ms. Chaithra H V Mr. N. Sreenivasa Ms. Chaitra K Mrs. Vijaya Shetty Ms. Prathibha Ballal Ms. Kavitha Sooda Ms. Archana Naik Ms.Sujatha Joshi Ms.Nirmala Ms.Sushma And other Departments staffs	5 days, June 2016	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions

Information Science & Engineering:

Areas of training	**Name of the Faculty**	**Duration & Tentative Date**	**Trainer/Organization**
Advances in Hybrid Computing	Dr. Sanjay H A Dr. Prasanta Gogoi Mr. D.B.Srinivas Mr. Karunakar Rai Mr. K. Aditya Shastry Ms. Vidyadevi Biradar Ms. Ashwini J P Mr. Chandrashekhar.B.N Ms. Lakshmi.M Ms. Bini Y Baby Ms. Kshema Raphael Mr. Manjunath.B.A Mr. Rohit.H.P Ms. Lakshmi.H Ms. Deepika K M Ms. Yashaswini H M Mr. Preetham N Ms. Roopa R Mr. Salvi Sanket And other Department staffs	5 Days, June- July 2016	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions
Emerging Trends in Data Mining and	Dr. Prasanta Gogoi Mr. D.B.Srinivas Mr. Karunakar Rai	5 Days, Dec 2015	Institute will identify Speakers from Reputed R&D Organizations/

Natural Language Processing	Mr. K. Aditya Shastry Ms. Vidyadevi Biradar Ms. Ashwini J P Mr. Chandrashekhar.B.N Ms. Lakshmi.M Ms. Bini Y Baby Ms. Kshema Raphael Mr. Manjunath.B.A Mr. Rohit.H.P Ms. Lakshmi.H Ms. Deepika K M Ms. Yashaswini H M Mr. Preetham N Ms. Roopa R Mr. Salvi Sanket And other Department staffs		Industries/Academic Institutions
Advances in Network and Cloud Security	Dr. Prasanta Gogoi Mr. D.B.Srinivas Mr. Karunakar Rai Mr. K. Aditya Shastry Ms. Vidyadevi Biradar Ms. Ashwini J P Mr. Chandrashekhar.B.N Ms. Lakshmi.M Ms. Bini Y Baby Ms. Kshema Raphael Mr. Manjunath.B.A Mr. Rohit.H.P Ms. Lakshmi.H Ms. Deepika K M Ms. Yashaswini H M Mr. Preetham N Ms. Roopa R Mr. Salvi Sanket And other Department staffs	5 days, June 2016	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions

Electronics & Communication Engineering:

Areas of training	**Name of the Faculty**	**Duration & Tentative Date**	**Trainer/Organization**
IEEE E-blended learning course	Sowmya M Varsha Sowmya J Girish Veda Chaithra Raji Shylaja Naina R K Manjula Madhu And other Department staffs	5 Days, June- July 2015	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions
Basic Pedagogical Training	MahaviraSwamy Bhuvaneshwari Ashitha	5 Days, Dec 2015	Institute will identify Speakers from Reputed R&D Organizations/

& Soft skill training	Chaithra Raji Deebalakshmi Rudresh Girish Sowmya J LathaKumari Devika Pramodhini And other Department staffs		Industries/Academic Institutions
Workshop on ArmProcessor	Shankar Sreenivassappa Sowmya M Girish Seema Divya Varsha And other Department staffs	5 Days, Jan 2016	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions
Work Shop on Signal Processing using MATLAB	Manjula Madhu Rekha P Rajesh Shashidhar PavanAyesha Pramodhini Binu Singh Kushalatha And other Department staffs	5 Days, June 2016	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions
Workshop on SDR technology	Dr.S.Sandya Dr Hari Bhat Sankar Dasiga Sreenivassappa Sowmya M Naina Karkal Girish Seema Divya Varsha And other Department staffs	5 days, July 2016	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions

Mechanical Engineering:

Areas of training	**Name of the Faculty**	**Duration & Tentative Date**	**Trainer/Organization**
Advances in automotive Engg.	Mechanical& Aeronautical Department Faculty	05 days, 23rd to 27th , June2015	IIM, UVCE B'l , NITK Surathkal
Gas Turbine Blade Cooling Techniques	Mechanical Department Faculty	05 days, 7th to 11th ,July 2015	GTRC Bangalore, IISc Bangalore & NMIT Bangalore
Wear and Wear Mechanism	Mechanical Department Faculty	05 days, 16th to 20th , August 2015	PESIT Bangalore, NMIT Bangalore

Electrical & Electronics Engineering:

Areas of training	Name of the Faculty	Duration & Tentative Date	Trainer/Organization
Advanced Training on PSCAD Power systems and Renewable energy – design, modeling and simulation using PSIM	**EEE Faculty**	One week, March 2016	Nayak Power Systems
Hands on training on Power electronics, Power systems and Renewable energy – design, modeling and simulation using PSIM	**EEE Faculty**	5 days, July 2015	Trident Tech labs

Civil Engineering:

Areas of training	Name of the Faculty	Duration & Tentative Date	Trainer/Organization
Two days workshop on "remote sensing and GIS application in civil engineering"	**Civil faculty**	**2 days, Feb 2016**	SIT, Tumkur, UVCE Banglore, CGWB Bangalore
Highway and transportation workshop	**Civil faculty**	June2015	Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions

Aeronautical Engineering:

Areas of training	Name of the Faculty	Duration & Tentative Date	Trainer/Organization
ANSYS/FLUENT HYPERMESH ABACUS MATLAB	**Aeronautical& Mechanical Faculty**	**July 2015**	**Institute will identify Speakers from Reputed R&D Organizations/ Industries/Academic Institutions -**

The proposed training program will be organized at the college level where supportingstaff from various departments will participate in the training program:

Areas of training	Name of the Faculty	Duration & Tentative Date	Trainer/Organization
Field Technician Networking & Storage	Support staff members	1 week, Jan 2016	To be arranged in association with Premier Institute

PC Trouble shooting	Support staff members	3 Days, June 2015	To be arranged in association with Premier Institute
Soft and Communications Skills development	Support staff members	10 days, October 2015	To be arranged in association with Premier nstitute
Computer Communication and Networking	Support staff members	10 days	To be arranged in association with Premier Institute
FPGA/MATLAB	Support staff members	1 Weeks, May 2016	MSRSAS
PCB design MSP-430	Support staff members	1 weeks, May 2015	Live wire Bangalore
Cadence tool/NS2	Support staff members	1 weeks, July 2016	Entuple Technologies
Hardware &Networking	Support staff members	1 weeks, Aug 2015	NIIT,Bangalore
COMSOL	Support staff members	1 weeks, Sept 2015	COMSOL-Multipysics

Department Specific development plan & TNA:

Department of Computer Science and Engineering

In order to achieve excellence in academic and R &D outcomes, the department of Computer Science and Engineering requires the high quality of faculty, the good infrastructural facility, high band width internet connectivity, and availability of knowledge resources. With this in mind and keeping in view of the departmental and institutional visions and based on the SWOT analysis. The department identified the key departmental activities need to improve thedepartment as a centre for excellence in imparting quality education in Computer Science and Engineering, generating competent and skilled man power with an ultimate objective of facing the global challenges.

TNA has been arrived after preparing a SWOT analysis of the Dept by interacting with all the stake holders.

Objectives:

- NMIT has become academically autonomous since 2007.This conferment has enabled the Institution to frame its own curriculum keeping in mind, the industry readiness of students passing out of the institution. The curriculum is framed involving all faculty of the college with active participation from members of the industry and premier institutions like IISc. Emphasis is on fundamentals, applications and advances in the field of specialization. Curriculum being employed at present is considered to be the best and has been appreciated by all stake holders.
- Flexibility is being introduced to introduce any subject of importance based on the market driven needs and need for exposure.
- Summer schools are being conducted in emerging areas with additional credits for students undergoing the course.
- Placement related training is conducted for final year students on an ongoing basis at regular intervals.
- Institution has also adopted a policy to introduce soft skill based courses for the benefit of students with appropriate credit wieghtage to ensure overall personality development.
- Conducting courses in programming languages, development tools and recent advances in Information Processing not in the curriculum.

- All these aspects require empowerment of faculty and need training to raise their confidence to teach course effectively and confidently.
- In order to make teaching learning process effective there is also need to offer training on pedagogy and soft skills to faculty members.
- Taking all these objectives into consideration, detailed TNA has been carried out and also an effort has been made to arrive at training needs.

Need for Training:

The curriculum offered to our students is planned to streamline the areas of specialization (core subjects) in the following streams

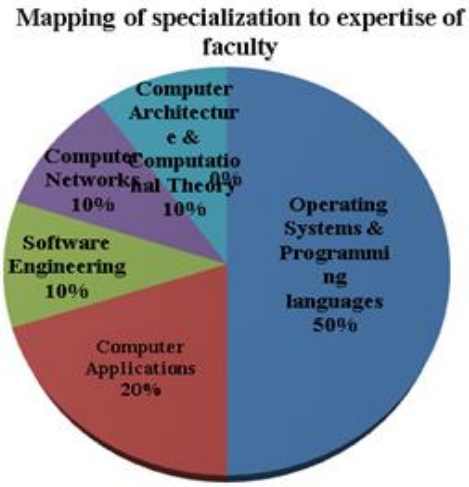
- Programming/application development
- Project management
- Help desk/technical support
- Security/compliance governance
- Web development
- Database administration
- Business intelligence/analytics
- Mobile applications and device management
- Networking
- Big Data

Earlier Gap Analysis(2011-14)

Subject	**Specialization required**
Operating Systems & Programming languages	25
Computer Architecture & Computational Theory	25
Computer Networks	20
Software Engineering	10
Computer Applications	10
VLSI & Embedded Systems	10

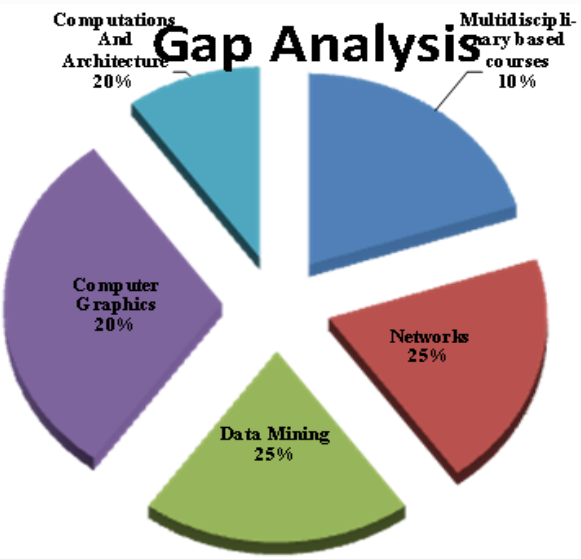
Bridge Of Gap Analysis

Topics	Mapping of specialization
Operating Systems & Programming languages	50
Computer Applications	20
Software Engineering	10
Computer Applications	10
VLSI & Embedded Systems	10



Gap analysis is done to improve employability and learning outcomes of Students

Area	Mapping of specialization
Multidisciplinary based courses	**10**
Data Networks based courses	**25**
Data Mining based courses	**25**
Computer Graphics and visualization	**20**
Computations and Architecture	**20**



Training Plan:

Sl. No	Name of faculty Member	Workshop/conference	Date	Place
1	Mohan B.A, Sujatha Joshi Ramakrishna Afroz P.	Web Development: PHP & MySQL Workshop at Skyfi Labs Center	28 Mar - 29 Mar, 2015	Skyfi Labs Center, Chennai
2	Asha.H.V,Sushma Shobana,Sangeetha, RamakrishnaAfroz.p,Shobha	Summer Training Program on Android Application Development at Delhi	06 Jul - 11 Jul, 2015	Skyfi Labs Center, Delhi
3	Mohan, Afroz P. Srinivas, Salish Ramakrishna, Sangeetha,Shobana, Deepa	Python GUI Development Workshop at Utkarsh, BBD University	10 Apr - 11 Apr, 2015	Babu Banarasi Das University, Lucknow
4	Chitra.H.V , Nirmla.J.S, Poornima	Twenty19 Entrepreneurship Workshop @ NIT Durgapur	28/05/2015	Ecell, NIT Durgapur
5	Sathish, Ramakrishna Sangeetha Shobana Deepa	Computer Science & Information Technology Workshops in Ahmedabad	26/8/2015	Ahmedabad
6	Chitra.H.V Nirmala.J.S Asha.H.V Poornima Sushma Shobana	Vison Botics (sixth sense technology workshop)	2/2/2016 (3days)	Bangalore
7	Sujatha Joshi Chaitra.H.V	Indian Control Conference (ICC 2016)	4-6 Jan 2016	IIT Hyderbad
8	Dr. Dinesh A Dr. Thippeswamy Vijaya Shetty Prathibha Ballal Kavitha Sooda Sujatha Joshi	Transforming Pedagogy in India	07-Apr-2015	Rashtrapati Niwas, Shimla.
9	Sujatha Joshi Chaitra.H.V Meenakshi Mohan B.A	Soft Skills Development Workshops	09.06.2015 to 13.06.2015	NITTTR, ECK
10	Sushma M Poornima M S Anju Thomas	International Conference on Recent Trends and Research Issues in Computer Science	13dec-15dec2015	Ahmadabad

	Shobha K Deepa Kumari	and Engineering		
11	Poornima M S Ramakrishna K Asha H V	Web Site Design & Deployment - FOSS Workshop	24th -25thApril 15	ANDHRA UNIVERSITY, VISAKHAPATNAM, India
12	Sangeetha G M Shobana T S Sowmya M R Ramakrishna K Satish E G	International Symposium on Intelligent Systems Technologies and Applications	10 Aug 2015 → 13 Aug 2015	Kochi, India
13	Deepa Kumari Sowmya M R Satish E G Anju Thomas Shobha K Asha H V Ramakrishna K Shobana T S Poornima M S	Pedagogical Skills Development Workshops	24th -25thApril 2015	Chandigarh, India
14	Anju Thomas Shobana T S Sushma M Shobha K	International Conference on Cybersecurity	2 Days 6 April 2015 To 7 April 2015	ANDHRA UNIVERSITY, VISAKHAPATNAM, India
15	Deepa Kumari	Induction programme for Newly Recruited Teachers	27.01.2015 to 31.01.2015	NITTTR, ECK5015
16	Sujatha Joshi Chaitra.H.V Nirmala.J.S	Data Science and Big data Analysis	15-april-2015	Jansons Institute Of Technology Coimbatore
17	Anju Thomas Shobana T S Sushma M Shobha K Deepa Kumari Satish E G	WiMoA 2015 [Seventh International Conference on Wireless, Mobile Network & Applications]	May 23, 2015 - May 24, 2015	Delhi , India
18	Chaitra.H.V Ramakrishna K Mohan B.A	JSSPP 2015 Job Scheduling Strategies for Parallel Processing	May 29, 2015 - May 29, 2015	Hyderabad, India
19	Mohan Afroz Srinivas Sathish	ICCSEA 2015 Fifth International Conference on Computer Science, Engineering and Applications	May 23, 2015 - May 24, 2015	Delhi , India

20	Sushma M Asha H V Sangeetha	GCCC 2015 First International Conference on Green Cloud Computing and Communication	Dec 16, 2015 - Dec 18, 2015	Salem, Tamilnadu, India
21	Mohan B.A Sangeetha Jagadevi .K	ICISS 2015 11th International Conference on Information Systems Security	Dec 16, 2015 - Dec 20, 2015	Kolkata, India
22	Nagaraj Jagadevi .K Sangeetha	ICSOC 2015 International Conference on Service Oriented Computing	Nov 16, 2015 - Nov 19, 2015	Goa, India
23	Sujatha Joshi Chaitra.H.V	FICTA 2015 4th International Conference on Frontiers in Intelligent Computing: Theory and Applications	Nov 16, 2015 - Nov 18, 2015	Durgapur, West Bengal, India
24	Nirmala.J.S Anju Thomas	ICDMMIPA 2015 International Conference on Data Mining, Multimedia, Image Processing and their Applications (ICDMMIPA2015)	Sep 18, 2015 - Sep 20, 2015	Udaipur, Rajasthan, India
25	Sujatha Joshi Chaitra.H.V Nirmala.J.S Anju Thomas	3rd International Symposium on Women in Computing and Informatics (WCI 2015),	August 10-13, 2015.	Kochi,India
26	Vijaya Shetty Prathibha Ballal Kavitha Sooda Sujatha Joshi Chaitra.H.V Nirmala.J.S	International Symposium on Intelligent Systems Technologies and Applications (ISTA 2015)	August 10-13, 2015.	Kochi,India
27	Nagaraj Jagadevi .K Sathish G	4th International Conference on Advances in Computing, Communications and Informatics (ICACCI 2015)	August 10-13, 2015.	Kochi,India

Faculty development Programme plan at CSE:

Area of Training/ development	Name of the faculty	Duration (Days)	Tentative date of training/ development programme	Trainer organization
Basic Pedagogical Training	Mr. Mohan B A Ms. Anju Ms. Ramya S Mr.Nagaraj Mr. Afroz Pasha Ms. Chaithra H V Mr. N. Sreenivasa Ms. Chaitra K Mrs. Vijaya Shetty Ms. Prathibha Ballal Ms. Kavitha Sooda Ms. Archana Naik Ms.Sujatha Joshi Ms.Nirmala Ms.Sushma	5 Days	June- July 2015	To be arranged at college level
Soft Skills training	Mr. Mohan B A Ms. Anju Ms. Ramya S Mr.Nagaraj Mr. Afroz Pasha Ms. Chaithra H V Mr. N. Sreenivasa Ms. Chaitra K Mrs. Vijaya Shetty Ms. Prathibha Ballal Ms. Kavitha Sooda Ms. Archana Naik Ms.Sujatha Joshi Ms.Nirmala Ms.Sushma And other Colleges staffs	5 Days	Dec 2015	To be arranged at college level
Networking Technologies & Simulation using NS3 (FDP)	Mr. Mohan B A Ms. Anju Ms. Ramya S Mr.Nagaraj Mr. Afroz Pasha Ms. Chaithra H V Mr. N. Sreenivasa Ms. Chaitra K Mrs. Vijaya Shetty Ms. Prathibha Ballal Ms. Kavitha Sooda Ms. Archana Naik Ms.Sujatha Joshi Ms.Nirmala Ms.Sushma And other Colleges staffs	5 days	Jan 2016	To be arranged at college level
Advanced in Virtualization	Mr. Mohan B A Ms. Anju	5 days	June 2016	To be arranged at college level

and Visualization techniques	Ms. Ramya S Mr.Nagaraj Mr. Afroz Pasha Ms. Chaithra H V Mr. N. Sreenivasa Ms. Chaitra K Mrs. Vijaya Shetty Ms. Prathibha Ballal Ms. Kavitha Sooda Ms. Archana Naik Ms.Sujatha Joshi Ms.Nirmala Ms.Sushma And other Colleges staffs			

Training Plan (CSE PG)

Sl. No	Title of Program	Resource Person	Approximate period
1	Program on Image and Video processing - I	Dr.Jharna Majumdar and Team	Apr-16th-17th,2015
2	Program on Image and Video processing - II	Dr.Jharna Majumdar and Team	Aug 20th– 21st 2015
3	Embedded Boards for Robot Control –I	Dr. Jharna Majumdar and Team	Sep 15th-16th,2015
4	Embedded Boards for Robot Control –II	Dr.JharnaMajumdar and Team	Nov 20th-21st,2015
5	Design, Analysis and Kinematics of Mobile Robots –I	Dr.JharnaMajumdar and Team	Jan 16th-17th,2015
6	Design, Analysis and Kinematics of Mobile Robots – II	Dr.JharnaMajumdar and Team	Mar 20th- 21st,2016
7	Hands-on workshop on Data Mining and Web Technologies	Dr.JharnaMajumdar and Team	May 20th-21st,2016

Sl No	Name of faculty Member	Title of Program	Approximate period	Trainer Organization and Venue
1	Mr. Santhosh Kumar K L Ms. ShilpaAnkalaki	Teaching Effectiveness: Nurturing and Well-being	May 1-2, 2015	IIT Hyderabad
2	Mr. Santhosh Kumar K L Mr. Minraj Nepali	Programs on Embedded Processors like Advanced ARM board series	Jun – Aug,2015	Rhydo Technologies Pvt. Ltd. Cochin, Kerala
3	Mr. Kiran S	Advanced Course on	Sep-Oct 2015	IISc, Bangalore

	Mr. Adithya H P Dubey	Computer Vision and Machine Learning		
4	Mrs. SudhaKamaraju Ms. ShilpaAnkalaki	Real-Time Applications of Big Data	Jun-Aug2015	KyanthiTechnologies, Hyderabad
5	Mrs. SudhaKamaraju	Mobile Communication and Sensor Networks	May – Jun 2016	IIT, Hyderabad
6	Mr. Prashanth N Mr. Minraj Nepali	Kinematics and Dynamic Analysis of Robots	Mar- Apr 2016	IIT, Delhi

- **Short term (upto three months) training/development plan for Support staff**

Area of Training/ development	**Name of the faculty**	**Duration (Days)**	**Tentative date of training/ development programme**	**Trainer Organization**
Field Technician Networking & Storage	Support staff members	1 month	Jan 2016	To be arranged in association Premier Institute
PC Trouble shooting	Support staff members	10 days	June 2015	To be arranged in association Premier Institute
Soft and Communications Skills development	Support staff members	10 days	October 2015	To be arranged in association Premier Institute

Department of Information Science & Engineering

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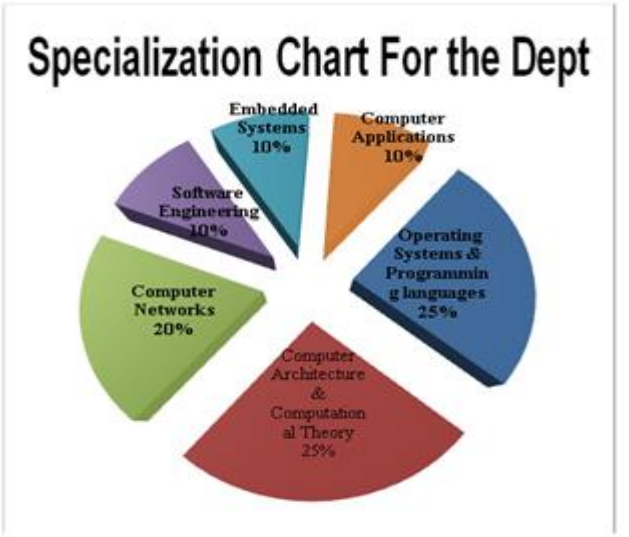
- Web development
- Database administration
- Business intelligence/analytics
- Mobile applications and device management
- Networking
- Big Data

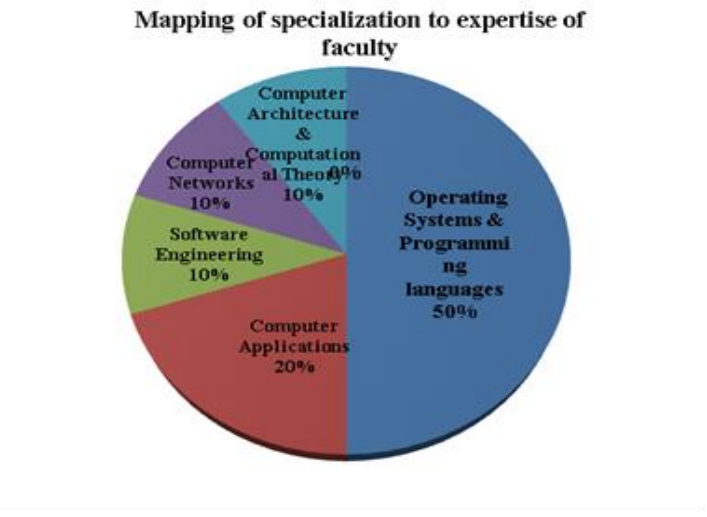
Earlier Gap Analysis(2011-14)

Subject	**Specialization required**
Operating Systems & Programming languages	25
Computer Architecture & Computational Theory	25
Computer Networks	20
Software Engineering	10
Computer Applications	10
Embedded Systems	10



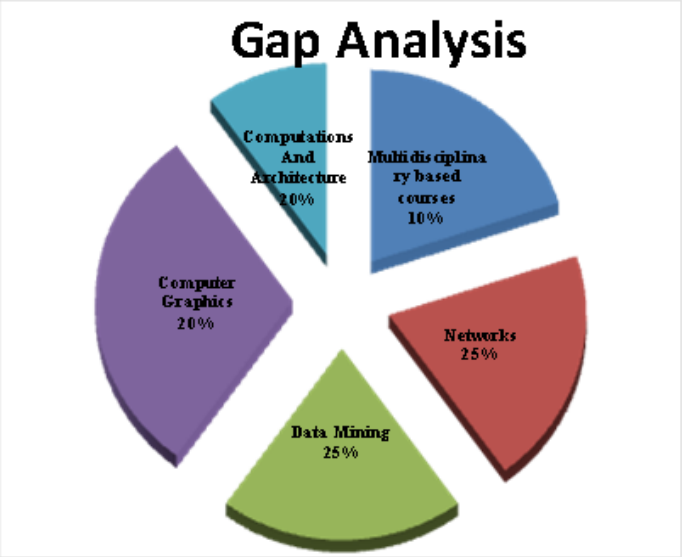
Bridge Of Gap Analysis

Subject	**Mapping of specialization**
Operating Systems & Programming languages	50
Computer Applications	20
Software Engineering	10
Computer Applications	10
VLSI & Embedded Systems	10



Gap analysis is done to improve employability and learning outcomes of Students

Area	Mapping of specialization
Multidisciplinary based courses	10
Data Networks based courses	25
Data Mining based courses	25
Computer Graphics and visualization	20
Computations and Architecture	20



Training Plan

Sl.No	Name of faculty Member	Workshop/conference	Date	Place
1.	Dr. Sanjay H A	Hybrid Computing	6 Days	CDAC/ Reputed Industry
2.	Dr. Prasanta Gogoi	Academic Leadership	6 Days	IIM, Bangalore
3.	Mr. Aditya Shastry	Predictive Analytics	15 days	Analytics Training Institute, Bangalore
4.	Mr. Aditya Shastry	Data Mining	20 days	IISc, Bangalore
5.	Mr.Sanket Salvi	Arduino Platform	3 Days	Roboversity
6.	Mr.Sanket Salvi	Rasberry Pi Platform	3 Days	Roboversity
7.	Mr.Sanket Salvi	Hadoop	3 Days	IIHT
8.	Mr. Manjunatha B A	Network security and penetration testing	10 days	Institute of Information security
9.	Mr. Manjunatha B A	Digital Forensics	10days	Institute of Information security
10.	Mr. Manjunatha B A Ms. Deepika K M	Network Security	15 days	IISc bangalore
11.	Mr. Rohith H P	NLP	10 days	Institute of Information security
12.	Mr. Rohith H P	Text Normalization	10days	Institute of Information security
13.	Mr. Rohith H P	Speech Synthesis	15 days	IISc Bangalore
14.	Mr. Sreenivas D B	Hadoop training	8 weeks	Cloud era
15.	Ms. Roopa R	In Data Mining about Weka Tool, how to build any general pridiction model	20 days	IISC , NIIT Richmond town, Bangalore

Faculty development Programme plan at NMIT:

Area of Training/ development	Name of the faculty	Duration (Days)	Tentative date of training/ development programme	Trainer organization
Advances in Hybrid Computing	Dr. Sanjay H A Dr. Prasanta Gogoi Mr. D.B.Srinivas Mr. Karunakar Rai Mr. K. Aditya Shastry Ms. Vidyadevi Biradar Ms. Ashwini J P Mr. Chandrashekhar.B.N Ms. Lakshmi.M Ms. Bini Y Baby Ms. Kshema Raphael Mr. Manjunath.B.A Mr. Rohit.H.P Ms. Lakshmi.H Ms. Deepika K M Ms. Yashaswini H M Mr. Preetham N Ms. Roopa R Mr. Salvi Sanket And other Colleges staffs	5 Days	June- July 2016	To be arranged at college level
Emerging Trends in Data Mining and Natural Language Processing	Dr. Prasanta Gogoi Mr. D.B.Srinivas Mr. Karunakar Rai Mr. K. Aditya Shastry Ms. Vidyadevi Biradar Ms. Ashwini J P Mr. Chandrashekhar.B.N Ms. Lakshmi.M Ms. Bini Y Baby Ms. Kshema Raphael Mr. Manjunath.B.A Mr. Rohit.H.P Ms. Lakshmi.H Ms. Deepika K M Ms. Yashaswini H M Mr. Preetham N Ms. Roopa R Mr. Salvi Sanket And other Colleges staffs	5 Days	Dec 2015	To be arranged at college level
Networking Technologies & Simulation using NS3 (FDP)	Dr. Prasanta Gogoi Mr. D.B.Srinivas Mr. Karunakar Rai Mr. K. Aditya Shastry Ms. Vidyadevi Biradar Ms. Ashwini J P Mr. Chandrashekhar.B.N Ms. Lakshmi.M	5 days	Jan 2016	To be arranged at college level

	Ms. Bini Y Baby Ms. Kshema Raphael Mr. Manjunath.B.A Mr. Rohit.H.P Ms. Lakshmi.H Ms. Deepika K M Ms. Yashaswini H M Mr. Preetham N Ms. Roopa R Mr. Salvi Sanket And other Colleges staffs			
Advances in Network and Cloud Security	Dr. Prasanta Gogoi Mr. D.B.Srinivas Mr. Karunakar Rai Mr. K. Aditya Shastry Ms. Vidyadevi Biradar Ms. Ashwini J P Mr. Chandrashekhar.B.N Ms. Lakshmi.M Ms. Bini Y Baby Ms. Kshema Raphael Mr. Manjunath.B.A Mr. Rohit.H.P Ms. Lakshmi.H Ms. Deepika K M Ms. Yashaswini H M Mr. Preetham N Ms. Roopa R Mr. Salvi Sanket And other Colleges staffs	5 days	June 2016	To be arranged at college level

Short term training/development plan for Support staff

Area of Training/ development	**Name of the faculty**	**Duration (Days)**	**Tentative date of training/ development programme**	**Trainer organization**
Computer Communication and Networking	Support staff members	10 days	July 2015	To be arranged in association Premier Institute
Soft and Communications Skills development	Support staff members	5 days	Jan 2016	To be arranged in association Premier Institute

Existing Ph.D Registrations:

Name	Dept	Designation	University
Mr. D. B. Srinivas	ISE	Associate Professor	VTU
Ms. Ashwini.J.P	ISE	Associate Professor	VTU
Mr. Karunakar Rai	ISE	Associate Professor	VTU
Mr. K. Aditya. Shastry	ISE	Associate Professor	VTU
Ms. Vidyadevi Biradar	ISE	Associate Professor	VTU
Mr. chandrashekhar BN	ISE	Assistant Professor	VTU
Mr. Manjunatha B A	ISE	Assistant Professor	VTU

Proposed PhD Registrations:

Name	DEPT	Designation	University
Deepika K.M	ISE	Assistant Professor	VTU
Rohith H P	ISE	Assistant Professor	VTU
Roopa R	ISE	Assistant Professor	VTU
Sanket Salvi	ISE	Assistant Professor	VTU

Department of Electronics & Communication Engineering

Objectives:

Electronics and Communication technologies are advancing rapidly and are bound to be huge demand for competent engineers in electronic industry to cope this demand in technology. The engineers would be involved in sustaining cutting edge technology to stay ahead in competition. Educational institutions need to adopt these new technologies in order to impart up-to-date skills and knowledge. For this purpose the department is adopting a multi-pronged strategy

- Outcome based academic program being adopted
- Continuous interaction with the industry through seminars, workshops, projects, industry visits, sabbaticals etc
- Continuous training programs to the faculty in subjects and technologies. so that they can impart state of the art knowledge and skills to the students for building their career
- Strengthening the R&D centers for quality, innovative research at national and global level

TNA has been arrived after preparing a SWOT analysis of the Dept by interacting with all the stake holders.

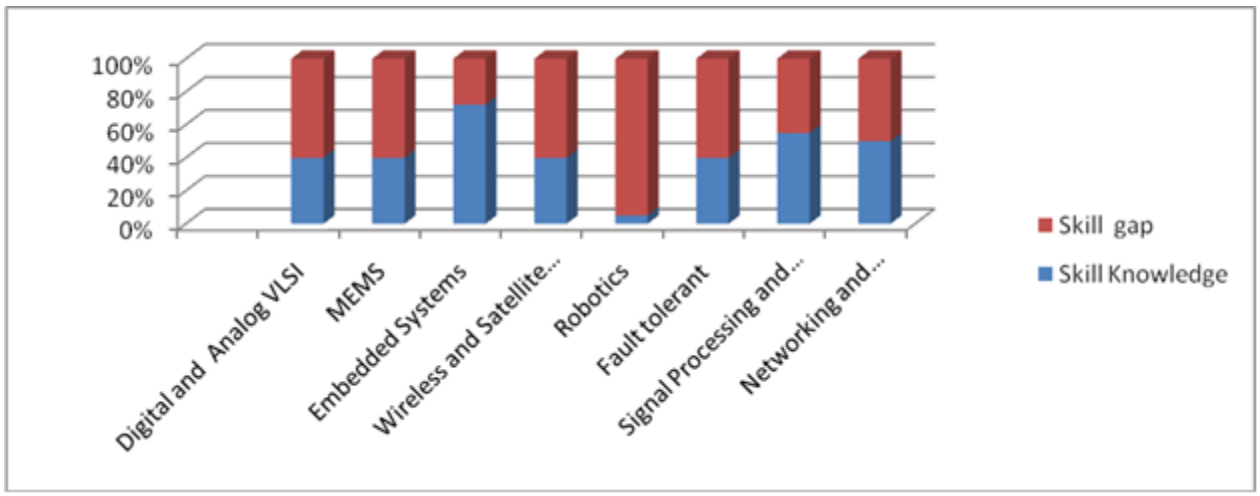
This document describes Training Analysis in Department of ECE at NMIT. It identifies the training needs of the faculty to take up challenges of imparting high-quality, state-of-the-art education in the chosen areas.

Training Gap Analysis

SWOT analysis of the department is the input for making Skill gap estimation and being performed for all the focused areas. The skill gap was estimated by comparing existing knowledge and experience referring to other neighboring colleges, present industry needs. It includes industry standard tool proficiency, technology, domain expertise. Skill gap is divided into three categories with weights as per the priority:

- Theoretical Knowledge – (Weight : 50%)
- Design Knowledge – (Weight : 25%)
- Tools Knowledge – (Weight : 25%)

Focus Area	Theoretical Knowledge (Weight : 50%) **%**	Design Knowledge (Weight : 25%) **%**	Tools Knowledge (Weight : 25%) **%**	Domain Skill Knowledge	**Skill gap**
Digital and Analog VLSI	10	15	15	40%	**60%**
MEMS	15	15	10	40%	**60%**
Embedded Systems	35	15	15	65%	**25%**
Wireless and Satellite Communications	15	15	10	40%	**60%**
Robotics	5%	0	0	05%	**95%**
Fault tolerant	10	15	15	40%	**60%**
Signal Processing and Image Processing	30	10	15	55%	**45%**
Networking and Wireless Sensor Networks	25	10	15	30%	**70%**



Short term Training required to the faculty:

At NMIT we envisage that the skill gap removal requires dedicated training sessions as well as follow-up activity to reinforce the training. Following table summarizes the training needs of the faculty of Department of ECE, NMIT – it indicates the areas of training and the number of faculty requiring the training and the organization that could provide the training.

Faculty development Programme plan-at other Organization:

SI. No.	Name	Designation	Training Needs	Institution Providing Training	Date of Training	Duration
1	Dr. H.C.Nagaraj	Professor & Principal	Finance Management, HR Management	TAPMI	May 2015	2 weeks
2	Dr. Sandya S	Professor &HoD	HR Management	TAPMI	May 2015	2 weeks
3	Dr.HariBhat	Professor	Advanced Reception techniques in Multipath channels	IIT-Madras	May 2015	2 weeks
4	MsManjula B.M.	Assoc. Prof	MATLAB SIMULINK	MSRSAS	May 2015	1 month
5	Mr. Shashidhara K.S.	Asst. Prof	ASIC Design System Verilog	MSRSAS	July 2015	1 month
6	Ms. MadhuPatil	Assoc. Prof	Cadence	MSRSAS	Oct 2015	1 month
7	Ms. Veda Sandeep N.	Assoc. Prof	ASIC Design	MSRSAS	July 2015	15 days
8	Mr. PrasannaPaga	Assoc. Prof	WCDMA	IISc	July 2015	1 month
9	Ms. RekhaPhadke	Asst. Prof	Biomedical Signal Processing	IISc	Apr 2016	3 weeks
10	Ms. Pramodini Ms. Ayesha B	Asst. Prof	WCDMA	IISc	Apr 2016	3 weeks
11	Ms. NainaKarkal	Asst. Prof	PCB design	Live wire	May 2016	2 weeks
12	Ms. KushalathaM R	Asst. Prof	MATLAB SIMULINK	MSRSAS	May 2016	3 weeks
13	Ms.Shylaja	Asst. Prof	Gcc Compiler and Embedded Systems design	Sandeepani	Apr 2016	2 week
14	Mr.Rudresh	Asst. Prof	MEMS	IISc	June 2016	15days
15	Ms.DeebaLakshmi	Asst. Prof	ARM Processor	MSRSAS	July 2016	3 weeks
16	Ms. Ashitha Ms.Devika	Asst. Prof	Cadence & NS2	Entuple	July 2016	1 month
17	Ms.Latha Kumari Ms.Divya	Asst. Prof	MATLAB SIMULINK	MSRSAS	July 2016	3 weeks
18	Ms.Raji Ms.Binu Singh	Asst. Prof	WCDMA	IISc	Apr 2016	2weeks

In addition it is also important for the faculty to have good pedagogical skills and soft skills, both from the point of view of better teaching and for imparting the same to students which will help in students integrating with industry in a better way.

Pedagogical Skills:

- Teaching-learning styles
- Personality, interests and motivation
- Behavior analysis and Professionalism
- Vibrant and Innovative teaching
- Use of Technology in teaching
- Syllabus development, lesson plans, assessment questions

Soft Skills:

- Effective Communication Skills
- Teamwork and Management
- Interpersonal Skills
- Behavioral Traits – attitude, motivation
- Time Management
- Leadership Development

Faculty development Programme plan at NMIT:

Area of Training/ development	**Name of the faculty**	**Duration (Days)**	**Tentative date of training/ development programme**	**Trainer organization**
IEEE E- blended learning course	Sowmya M Varsha Sowmya J Girish Veda Chaithra Raji Shylaja Naina R K Manjula Madhu	5 Days	June- July 2015	To be arranged at college level
Basic Pedagogical Training & Soft skill training	MahaviraSwamy Bhuvaneshwari Ashitha Chaithra Raji Deebalakshmi Rudresh Girish Sowmya J LathaKumari	5 Days	Dec 2015	To be arranged at college level

	Devika Pramodhini			
Workshop on ArmProcessor	Shankar Sreenivassappa Sowmya M Girish Seema Divya Varsha	5 Days	Jan 2016	To be arranged at college level
Work Shop on Signal Processing using MATLAB	Manjula Madhu Rekha P Rajesh Shashidhar PavanAyesha Pramodhini Binu Singh Kushalatha	5 Days	June 2016	To be arranged at college level
Workshop on SDR technology	Dr.S.Sandya Dr Hari Bhat Sankar Dasiga Sreenivassappa Sowmya M Naina Karkal Girish Seema Divya Varsha	5 days	July 2016	To be arranged at college level

Long term Training required to the faculty:

SL.No	Name of suitable faculty	Area of training	Duration	Date of training	Trainer organization
1	Ms. Manjula B M	Proficiency course at IISC on Research Methodology	06 months	Apr-Sept,2015	IIScProficiency
2	Ms. Sowmya M	Proficiency course at IISC on Fault tolerant	06 months	April 2015	IIScProficiency
3	Ms. Bhuvaneshwari	Proficiency course at IISc on Radar Engg.	06 months	July – Dec 2016	IISc
4	Ms. Pramodhini	Proficiency course on Optical Communication	6 months	July–Dec,2016	IISc

Training Gap Removal Strategy – Follow-up activity:

Training Gap removal requires careful planning. The gap cannot be removed by just training sessions alone. The training needs to be followed by some activity that will reinforce the training. For this ECE department will be launching follow-up activity for each of the focus areas so that the skills are reinforced.

Follow-up activity is as follows:

Focus Area	Followup Activity after Training
Digital and Analog VLSI	Community chip development.
Embedded Systems, Mobile Platform, Sensor Networks	Multi video processing on embedded platform
Signal Processing, Image Processing and Robotics	• Biomedical signal Processing • Hyper spectral &Multi spectral image processing
Fault tolerant	Design of Fault tolerant models for PLL in satellite communication, Mobile& Biomedical applications.
MEMS	• Design, implement mems based microphone • Conditional monitoring using mems accelerometer.
Wireless and Satellite Communications	• Design and implement 2.4Ghz,900 Ghztrans receiver . • Design antenna for 2.4Ghz,900and 60 Ghz. • Studsat – NMIT's student satellite program • SDR technology

Improvements in faculty qualifications:

Faculty Qualification Upgrade Roadmap:

Faculty of the Dept will be encouraged and supported in obtaining higher qualification. At present department has 6 Ph.D's and 33 M.Tech qualified faculty members .Following Table shows the plan for Faculty Qualification upgrade.

Existing PH.D Registrations:

Name	Dept	Designation	Registered under University
SowmyaMadhavan	ECE	Asst Professor	VTU
Shashidhara K.S.	ECE	Asst Professor	VTU
MsVarsha Prasad	ECE	Asst Professor	VTU
Mr Rajesh N	ECE	Assoc Professor	VTU
Ms Veda S.N	ECE	Assoc Professor	University of Mysore
MsMadhuPatil	ECE	Assoc Professor	University of Mysore
MsManjula B M	ECE	Assoc Professor	University of Mysore
MsRekhaPhadke	ECE	Asst Professor	University of Mysore
Mr.PrasannaPaga	ECE	Assoc Professor	University of Mysore
Mr.Girish	ECE	Asst.Professor	University of Mysore
Ms.Binu Singh	ECE	Asst.Professor	VTU

Proposed Ph.D Registrations:

Name	DEPT	Designation	University
MrSankarDasiga	ECE	Professor	VTU
MsNainaKarkal	ECE	Asst Professor	University of Mysore
Ms.Bhuvaneshwari	ECE	Asst Professor	University of Mysore
MsSeema S	ECE	Asst Professor	VTU
Ms Ayesha B	ECE	Asst Professor	University of Mysore
Ms.Pramodini	ECE	Asst Professor	University of Mysore

Short term (upto three months) training/development plan for Support staff

Sl. No	Name of staff member	Areas of training/development	Duration (Days)	(tentative) Date	Trainer Organization
1	Ms.AshaKumari	FPGA/MATLAB	3 weeks	May 2015	MSRSAS
2	Mr.Sandeep Kumar	PCB design MSP-430	2 weeks	May 2015	Live wire Bangalore
3	Ms.Laxmi	FPGA/MATLAB	3 weeks	Aug 2016	MSRSAS
4	Ms.Sumitra	Cadence tool/NS2	2 weeks	May 2016	Entuple
5	Ms.Benedict	Cadence tool/NS2	2 weeks	May 2016	Entuple
6	Mr.Sreesaila	PCB design/MSP-430 Hardware& Networking	2 weeks	May 2016	Live wire Bangalore
7	Mr.Chandrashekar	MATLAB	2 weeks	May 2015	MSRSAS
8	Mr.Honnappa B	Hardware &Networking	3 weeks	Aug 2015	NIIT,Bangalore
9	Mr.Sachin	Cadence tool	2 weeks	Sept 2015	Entuple
10	Mr.Veeresh	COMSOL	3 weeks	Sept 2015	COMSOL-Multipysics
11	Mr.Dilip	PCB design/MATLAB	2 weeks	Aug 2015	MSRSAS

Mechanical Departmental Development Proposal

The Department of Mechanical Engineering has high quality faculty, good infrastructural facility and availability of knowledge resources. In addition to this, a good learning environment, and constant promotion of innovation and creativity are also required. Keeping in view of the departmental vision and from the SWOT analysis, we propose the following key activities to build the Department as a center for excellence in imparting quality education, generating competent and skilled man power with an ultimate objective of facing the global challenges enabling substantial improvement in the learning outcomes and employability of graduates.

TNA has been arrived after preparing a SWOT analysis of the Dept by interacting with all the stake holders.

Objectives:

- Nitte Meenakshi Institute of Technology has become academically autonomous since 2007. This conferment has enabled the institution to frame its own curriculum activities involving all faculty of the college, experts from renowned industries and reputed R & D Organizations. All efforts are being made to provide required emphasis for fundamentals, application and advances in the latest technology. The Present curriculum being employed is considered to be the best and has been appreciated by all stake holders.
- Flexibility is being introduced to introduce any subject of importance based on the market driven needs. Many Reputed industries like INFOSYS, etc have come forward to offer electives to our students.
- Our Institution has also adopted a policy to introduce soft skill based courses for the benefit of students to improve their quality of understanding technical concepts and to empower them to face the present technical era of the world.
- All these aspects require the effective and confident teaching faculty to teach the courses.
- In order to make the teaching –learning process effective there is a need for the training on pedagogy and soft skills to all our faculty members.
- In the view of the above objectives the detailed training need analysis has been carried –out and also an effort has been made to arrive at training calendar for the department without affecting the regular teaching.

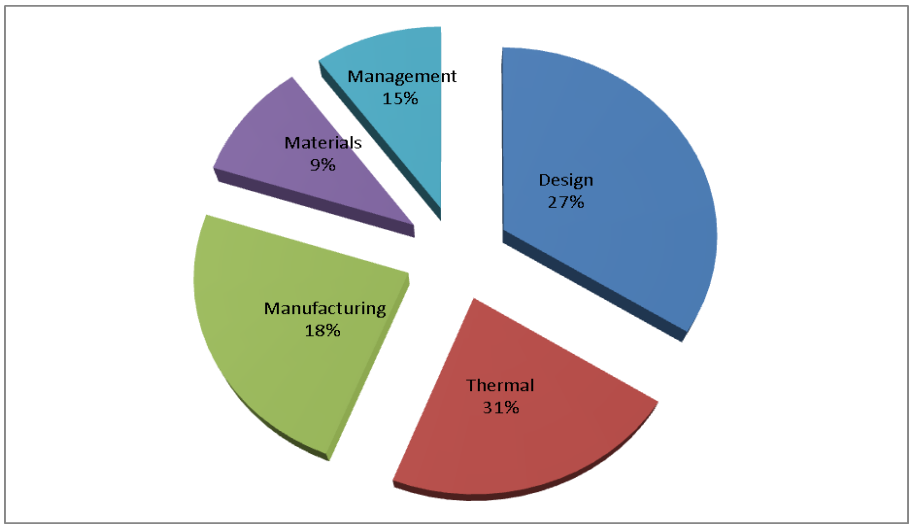
Need for Training :

The curriculum offered to our students is planned to streamline the areas of specialization in the following streams

- Design - 36%

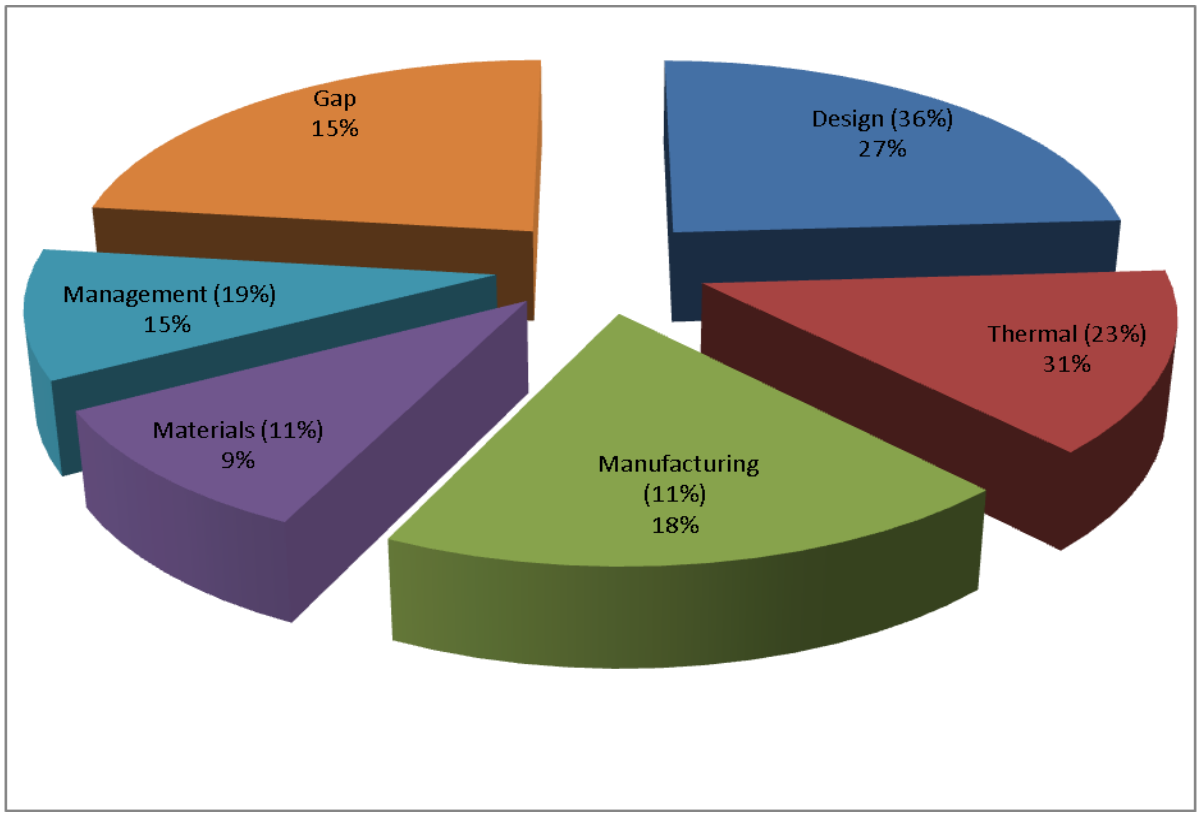
- Thermal – 23%
- Manufacturing – 11%
- Materials – 11%
- Management – 19%

The following is the specialization chart for the department:



Gap Analysis :

Based on the qualification and expertise of faculty of Mechanical Department, following is the mapping of specialization to expertise of faculty:



This maping infers the following :

- More number of faculty to teach Design, Manufacturing related courses
- Need for more expertise in GAP
    - Advanced Materials Technology - 2%
    - Inter Disciplinary Subjects -4%
    - Design -9%

Training Need Analysis:

Hence department proposes to conduct the training in the following areas:

- ✓ Training on CFD, Thermodynamics, Aerodynamics
- ✓ Advanced Materials Technology [Nano, Smart.]
- ✓ Inter Disciplinary Subjects (Aerospace, MEMS and Robotics).
- ✓ Manufacturing [tool design]
- ✓ Design [product design]
- ✓ CIM and Automation
- ✓ Engineering Management

Staff members have been identified based on their potential to get expertise on the areas of specialization

Also following are the other areas of general interest where training needs have been identified.

Pedagogical Skills:

- Teaching – learning Styles
- Personality, interests and motivation
- Behavior analysis and Professionalism
- Analytical Skills
- Vibrant and Innovative teaching
- Use of Technology in teaching
- Syllabus development, lesson plans, assessment questions etc……

Soft Skills:

- Effective communication Skills
- Team work and Management
- Strong interpersonal Skills
- Behavioral traits as altitude, motivations and management Managerial and Leadership training.

Training Plan:

Sl No	Names of faculty	Areas of training/development	Duration (Days/Months)	Convenient (tentative)dates	Trainer Organizations
1.	Dr. P B Shetty	Stress management Senior leadership training Introduction to Numerical grid generation & fluid flow computation	5 Days 5 Days 3 Months	Sep 2015 Oct 2015 Aug 2015	IIM Bangalore IIM Bangalore IISC Bangalore
2.	Dr. Kiran Aithal S	ANSYS FLUENT / CFX MAT LAB CAE	10 Days 03 Days 25 Days	June-July 2015 Dec 2015 June-July 2016	INNOVENT, B'LORE MATH WORKS, B'LORE
3.	Dr. Sudeer Reddy	Senior leadership training CATIA	5 Days	Oct 2015	IIM Bangalore
4.	Dr. VR Kabadi	ANSYS FLUENT / CFX CATIA	10 Days 03 Days	June-July 2015 June-July 2016	EDS Technologies
5.	Dr. Desai Gowda H S	FEM MAT LAB CAE	10 Days 03 Days 25 Days	June-July 2015 June-July 2015 June-July 2015	IISc,B'LORE MATH WORKS, B'LORE FINITE TO
6.	Dr. Madhusudhan	Career programs in CAD/CAM/CIM/CFD Energy Efficiency & Renewable Online Courses on Nanotechnology Certificate courses	1 Month 1 Mont 1 Month	June 2015 May 2015 July 2015	1.IFS Academy 2.CPRI Blore 3. Brattle Street, Harvard College
7.	Mr. K Srikanth Prabhu	CAED FEM ANSYS	2 Weeks 2 Weeks 2 Weeks	During Vacation During Vacation During Vacation	Local-Bangalore IISc-Bangalore IISc-Bangalore
8.	Mr. Hemanth Kumar N	CATIA V5 FEM ANSYS	One Month	During Vacation	Local in B'lore
9.	Mr. BS Surendra	CAED FEM ANSYS	2 Weeks	During Vacation	Local-Bangalore
10.	Mr. Ravindranath	ANSYS FLUENT / CFX MAT LAB	15 Days 03 Days	June-July 2015 June-July 2015	TTRC-B'lore MATH WORKS
11.	Mr. Sriram Mukunda	CATIA HYPERMESH ABAQUS RADIOSS LS-DYNA	5 Days 10 Days 5 Days 10 Days 5 Days	June /July 2015	EDS Technologies

12.	Mrs.Smrutirekha Sen	FEM MAT Lab IPDD Diploma in Entrepreneurship	6 Months 6 Months 6 Months 12 Months	July-Dec 2015 July-Dec 2015 July-Dec 2015 July 2015	IISc IISc IGNOU
13.	Mr. Ravi Prakash	CAED FEM Introduction to numerical grid generation and fluid flow	2 Weeks 2 Weeks 2 Weeks	During Vacation During Vacation During Vacation	Local-Bangalore IISc-Bangalore IISc-Bangalore
14.	Mr. Chethan K S	ANSYS FLUENT / CFX MAT LAB	15 Days 03 Days	June-July 2015 June-July 2015	TTRC-B'lore MATH WORKS
15.	Mr. Manjunath H N	ANSYS FLUENT / CFX MAT LAB CATIA V6	10 Days 10 Days 10 Days	June-July 2015 June-July 2015 June-July 2015	INNOVENT MAT WORKS EDS TECHNOLOGIE
16.	Mr. Ramesh Babu N	Matlab Vibration analysis in ANSYS	10 Days 5 Days	10-20th July 2015 25 - 29th July 2015	Mathworks ANSYS
17.	Mr. Sunil Kumar H S	Analysis(Ansys Work bench) G D & T ADAMS	3 Months 1 Month 3 Months	July-Sep 2015 June, 2015 Oct 2015-Jan 2016	CADD GTTC CADD
18.	Mr. Praveen Kumar S	CCE Proficiency Hyper works,FLUENT CNC programming ANSYS & NOSTRON	4 Months 2 Months 10 Days 02 Month	Jan-May 2016 June -Aug,2015 July 2015 June -Aug,2015	IISc Techzilon MSME CADD CENTRE
19.	Mr. Arun Kumar	CCE Proficiency Hyper works,FLUENT	4 Months 2 Months	Jan-May 2016 June -Aug,2015	IISc Techzilon
20.	Mr. Rudra Naik. M	CATIA V5 FEM ANSYS	01Month	June -Aug,2015	EDS Technologies
21.	Mr. Pavan K N	"Fine/Open Software"(Advanced Developments for Better Products) on 4th and 5th July 2013 held at Numeca India Software Pvt Ltd. "Integrated Multidisciplinary Design and 3D Modelling"	02 Days 1day	June-July 2015 August 2015	INNOVENT EDS TECHNOLOGIES
22.	Mr. Praveen B A	CATIA V5	01 Month	During Vacation	Local in B'lore

23.	Mr. Harish N	IPDD MAT LAB	3 Months 03 Days	Aug - Dec 2015 June-July 2015	IISC Bangalore MATH WORKS
24.	Mrs. Hamritha	FEA MAT LAB	3 Months 03 Days	Aug - Dec 2015 June-July 2015	IISC Bangalore MATH WORKS
25.	Mr. Vinayaka N	Turbo machinery CFD	10 Days 10 Days	JUNE/JULY2015 JUNE/JULY2015	Kshipra SimulationsPvt. Ltd
26.	Ms. Krupa	FEM MAT Lab IPDD Diploma in	6 Months 6 Months 6 Months 1 Year	July-Dec 2015 July-Dec 2015 July-Dec 2015 July 2015	IISc IISc IGNOU
27.	Mr. Shiv Pratap	QMS ISO Lead Auditor Master black belt six sigma Contact Mechanics Catia	5 Days 10 Days 14 Days 10 Days	20-24th April 2015 10-20th June 2015 9-24th August 2015	NMIT NSM IISC CAED CENTER
28.	Mr. Prashanth N	Design of Experiments Multibody Dynamics Robotics & Its allied Disciplines	3-6 Weeks 3-6 Weeks 2-10 Weeks	June /July 2015	IISC
29.	Ms. Nivedita	SAP MM Hypermesh Ansys Conference CFD	3 Months 3 Months 3 Months 2 Days 3months	Feb -April April-June May-July July May-July	Elogica solution Cadd centre Cadd centre Cadd centre
30.	Mr. Charan Kumar D	SAP MM Hypermesh Ansys Conference CFD	3 Months 3 Months 3 Months 2 Days 3months	Feb -April April-June May-July July May-July	Elogica solution Cadd centre Cadd centre Cadd centre
31.	Mr. Sachin B	CATIA ANSYS	5 Days 5 Days	June /July 2015 June /July 2015	EDS Technologies
32.	Mr. Rachith SN	CATIA ANSYS 3 Thermal Analysis	5 Days 5 Days 2-6 Weeks	June /July 2015	EDS Technologies
33.	Mr. Nuthan Prasad BS	CCE Proficiency Ansys FLUENT,Hyperworks	3 Months 2 Months	Aug-Dec 2015 Dec-15 To Jan-16	IISc Techzilon
34.	Mr. Suresh KR	CATIA ANSYS Material Testing and Characterization	5 Days 5 Days 2-6 Weeks	June /July 2015	EDS Technologies

35.	Ms.Yashasvini S	SAP MM Hypermesh Ansys Conference	3 Months 3 Months 3 Months 2 Days	Feb -April April-June May-July July	Elogica solution Cadd centre Cadd centre
36.	Mr. Avinash L	CATIA V5 FEM ANSYS	One Month	During Vacation	Local in B'lore
37.	Mr. Chetan S	Surface modeling in CATIA Hyper Works for meshing Nastan and Patran	10 Days 30 Days 30 Days	JUNE JULY JULY	EDS Technologies CADMAXX CSM
38.	Mr. Sandeep GM	Engineering Design Gas Turbines Random Vibrations Satellite Environment Variables	7 Days 2 Days 2 Days 2 Days	15-22nd June 2015 22-24th June 2015 9-10th August 2015 28-29th July 2015	ADA/UVCE UVCE NMIT/UVCE ISRO
39.	Mr. Mahadeva Prasad	ANSYS CATIA	30 Days 15 Days	June /July 2015	EDS Technologies

HOD

Name of staff	Areasof training/development	Duration(Days/ Months)	Convenient (tentative)dates	Trainer Organizations
Dr. P B Shetty	Stress management Senior leadership coaching Introduction to immerial grid generation & fluid flow computation	5 Days 5 Days 3 months	Sep 2015 Oct 2015 Aug 2015	IIM Bangalore IIM Bangalore IISC Bangalore

Department Of Civil Engineering

TNA has been arrived after preparing a SWOT analysis of the Dept by interacting with all the stake holders.

Sl. No	Name Of The Faculty	Designation	Training Area	Organization	Duration
1.	Dr. M B Ananthayya	Professor	Faculty development workshops, sofrware training workshops,Quality control workshops	Reputed R&D organizations	Jan 2016
			Remote sensing and GIS application in civil engineering.	Reputed R&D organizations	Nov 2015
			Seminars on composite materials,hydraulics,solid mechanics etc…		Feb 2016
			Software trainings	Reputed R&D organizations	Dec 2015
2.	Prathima G	Assistant professor	Highway and transportation workshop	IISC(GT)	June/july 2015
3.	Rashmi H R	Assistant professor	Environmental	Reputed R&D organizations	June/july
4.	Jairaj C	Assistant professor	GT	IISC(GT)	April 2015 May 2015
			IGC-2015		
5.	Nanjundi Prabhu	Assistant professor	Water resources	Reputed R&D organizations	June2016
6.	Vinay M	Assistant professor	Structural analysis	Reputed R&D organizations	June-2015
7.	Umashankar Patil	Assistant professor	Highway and transportation workshop	BMSCE	Feb-2016
			Environmental	RV	Sep 2015
8.	Lakshmi Priya	Assistant professor	Water resources	IISC	Dec 2015
9.	K G Shwetha	Assistant professor	Structural analysis	IISC	Dec 2015
10.	Snehal K	Assistant professor	Structural/concrete	Reputed R&D organizations	June/july 2015

Existing Ph.D Registrations:

Name	Dept	Designation	University
Prathima G	Civil	Assistant Professor	VTU
Rashmi H R	Civil	Assistant Professor	VTU
Jairaj C	Civil	Assistant Professor	VTU
Nanjundi Prabhu	Civil	Assistant Professor	UVCE

Proposed PhD Registrations:

Name	DEPT	Designation	University
Muralidhar H	Civil	Assistant Professor	VTU
Kiran M U	Civil	Assistant Professor	VTU
Vinay M	Civil	Assistant Professor	VTU

Department of Electrical and Electronics Engineering

The department of Electrical and Electronics Engineering was started in the year 2001 with a sanctioned intake of 60 students. The major thrust in this course is related to the basic principles and detailed analysis of different types of equipment and systems for generation transmission, distribution and utilization of electrical energy.The course also covers the study of electronic devices and circuits involved in measurement, instrumentation, control and protection of electrical equipments and conversion systems.

Concepts of Computer and recent applications of computer based systems in design, analysis and efficient operation of power system maintaining quality and security also included in the course. The faculty always strives for imparting better knowledge to the students, works as a team in all the department activities and never compromise on quality and standard of teaching.

The Laboratories are well equipped not only to cater to the needs of carrying out experiments in various subjects but also to carry out research work. The department has also received 10 lakhs from AICTE, New Delhi under 'MODROBS' scheme for modernization of Power Electronics Laboratory. The department regularly organizes industrial visits, Technical lectures by experts from industries and institutes in contemporary areas to bridge the gap between syllabi and current developments.

TNA has been arrived after preparing a SWOT analysis of the Dept by interacting with all the stake holders.

Training Plan:

SL. NO	NAME OF THE FACULTY	Designation	TRAINING AREA	ORGANIZATION	DURATION	PERIOD
1	Dr.H.M. RAVIKUMAR	Prof & HOD	Advanced Training on PSCAD Power systems and Renewable energy – design, modeling and simulation using PSIM	Nayak Power Systems	One week	MARCH2016
2	Dr.V. KRISHNAN	Professor	Software tools for machine design	CPRI	07 DAYS	DEC,2015

3	Mrs.VASUDHA HEGDE	Associate Professor	MEMS systems, Sensor networks	PRDC, SYSCON	30 days	Dec,2015
4	Mrs.VEENA	Asst Professor	Nano materials and MEMS systems	CeNSE, IISc,Bangalore	15	18-29th May,2015
5	Mrs.B.S. ARUNAPRABHA	Asst Professor	Hands on training on Power electronics, Power systems and Renewable energy – design, modeling and simulation using PSIM	Trident Tech labs	5 days	July 2015
6	Mrs. SRIDEVI.H.R.	Asst Professor	Hands on training on Power electronics, Power systems and Renewable energy – design, modeling and simulation using PSIM	Trident Tech labs	5 days	July 2015
7	Mrs. SUJATHA S	Asst Professor	Simulink for system algorithm model	MathWorks India Private Limited Prestige Technology Park II, Marathahalli Bangalore	1 Week	16-17April
			MATLAB Fundamentals			13-15 April
8	Mr.V.M. PARTHASARATHY	Asst Professor	VHDL DESIGN	NTTF electronics, Bangalore	30 DAYS	July,2015
			ADVANCED MATLAB	D-space technologies, Bangalore	15 DAYS	January ,2016
9	Mr. Ch. V. RAMESH	Asst Professor	Sensor Network applications	SRS Software Solutions	30 Days	Dec,2015
10	Ms. SIRIDEVI	Asst Professor	Signal processing with MAT Lab	MathWorks India Private Limited	1week	Dec,2015
11	Mrs. SOWMYA RAMAN	Asst Professor	Optimization techniques in MAT Lab	MathWorks India Private Limited	1week	July,2015
12	Mr. SATHISH HEGDE	Asst Professor	Optimization techniques in MAT Lab	MathWorks India Private Limited	1week	Dec,2015

Department of Aeronautical Engineering

TNA has been arrived after preparing a SWOT analysis of the Dept by interacting with all the stake holders.

Faculty:

Sl.No	Names of faculty	Areas of training/ development	Duration (Days)	Convenient (tentative) dates	Trainer Organizations
1	Mahendra M A	ANSYS/FLUENT HYPERMESH ABACUS MATLAB	30	During Vacation	Any suitable trainer in Bengaluru
2	Santosh Nagaraja	FLUENT GAMBIT	30	During Vacation	MSRSAS Bengaluru
3	Harish H V	CATIA CFX FLUENT Star CCM+	30	During Vacation	Any suitable trainer in Bengaluru
4	Nishant Desai	CATIA v5 ABACUS ANSYS MATLAB HYPERMESH	30	During Vacation	IISc MSRSAS
5	Srikanth H V	HYPERMESH LS DYNA	30	During Vacation	IISc MSRSAS
6	Mayur Anvekar	CATIA v5 ANSYS	30	During Vacation	Any trainer in Bengaluru
7	Siddalingappa P K	ANSYS/FLUENT CATIA v5	30	During Vacation	Any trainer in Bengaluru
8	Vinod Laxman	NASTRAN	30	During Vacation	Any trainer in Bengaluru

HOD:

Names of staff	Areas of training/ development	Duration (Days)	Convenient (tentative) dates	Trainer Organizations
Dr. Shaik Ismail	AAA (A/C Design) Advanced R&D Activities	30	During Vacation	JETWINGS Bengaluru NAL / IISc

Department Of Basic Sciences

Objectives:

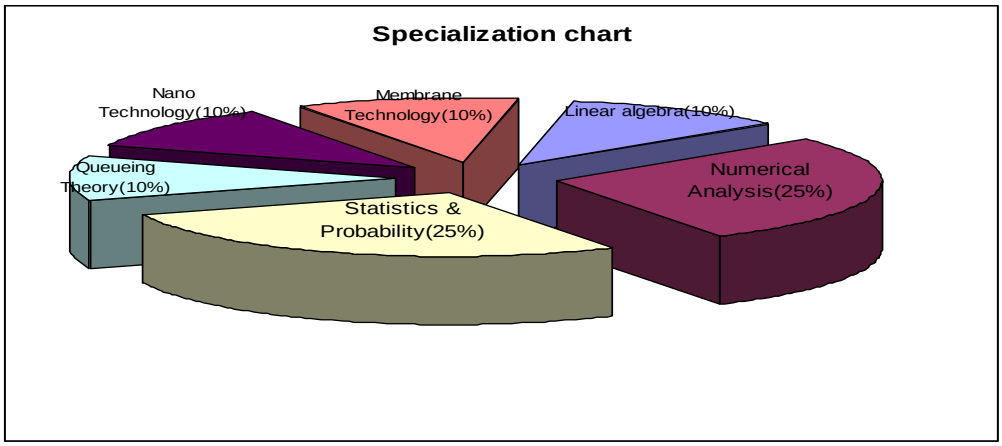
- NMIT has become academically autonomous since 2007.This conferment has enabled the Institution to frame its own curriculum keeping in mind, the industry readiness of students passing out of the institution. The curriculum is framed involving all faculty of the college with active participation from members of the industry and premier institutions like IISc. Emphasis is on fundamentals, applications and advances in the field of specialization. Curriculum being employed at present is considered to be the best and has been appreciated by all stake holders.
- Flexibility is being introduced to introduce any subject of importance based on the market driven needs and need for exposure.
- Summer schools are being conducted in emerging areas with additional credits for students undergoing the course.
- Placement related training is conducted for final year students on an ongoing basis at regular intervals.
- Institution has also adopted a policy to introduce soft skill based courses for the benefit of students with appropriate credit wieghtage to ensure overall personality development.
- Conducting courses in programming languages, development tools and recent advances in Information Processing not in the curriculum.
- All these aspects require empowerment of faculty and need training to raise their confidence to teach course effectively and confidently.
- In order to make teaching learning process effective there is also need to offer training on pedagogy and soft skills to faculty members.
- Taking all these objectives into consideration, detailed TNA has been carried out and also an effort has been made to arrive at training needs.

Need for Training:

The curriculum offered to our students is planned to streamline the areas of specialization (core subjects) in the following streams

- Linear Algebra (10%)
- Numerical Techniques(25%)
- Statistics , probability (25%)
- Queueing Theory(10%)

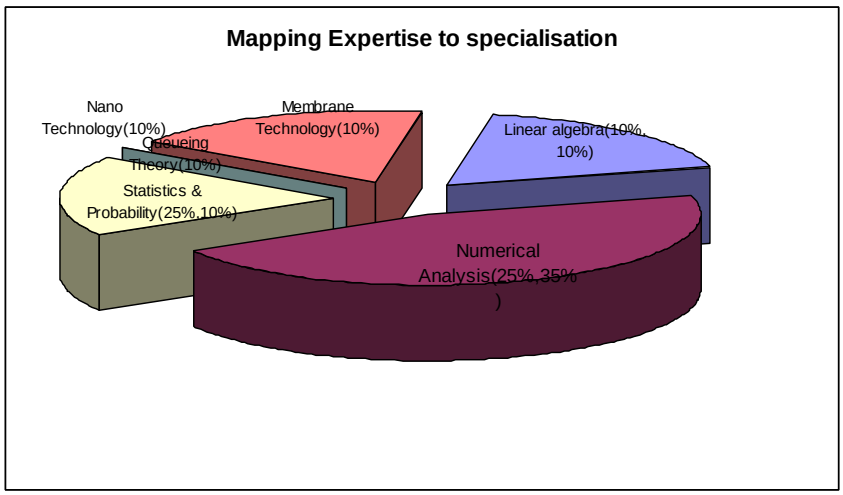
- Nano Technology (10%)
- Membrane Technology (20%)



Gap Analysis:

Based on the qualification and expertise of the faculty of the department, **following is the**

Mapping of specialization to the expertise of faculty.



This mapping infers the following:

- More number of faculty to teach
  - Numerical analysis
- Sufficient number of faculty to teach
  - Linear algebra
  - Queueing Theory
  - Membrane Technology
- No expertise for Nano Technology
- Need for more expertise in
  - Statistics and probability

Training Need Analysis:

Hence department proposes to conduct the training in the following areas

Technical skills:

- Statistics, Probability and application
- Nano Technology
- Computational Techniques
- Membrane technology
- Recent advances such as

Pedagogical Skills:

- Teaching-learning styles
- Personality Development Skills
- Behavior Analysis and profession
- Analytical Skills
- Vibrant and innovative teaching
- Use of technology in teaching
- Syllabus, lesson plans, assessment questions etc.

Soft Skills:

- Effective communication skills
- Team work and management
- Strong interpersonal skills
- Behavioral traits such as attitude, motivation ,time management, managerial and leadership training

Training Plan:

Sl. No	Names of faculty	Areasoftraining/ development	Duration (Days)	Convenient (Tentative) dates	TrainerOrganizations
1	All faculty	Teaching Methodologies for effective teaching.	6 days (First module)	July -2015	Pedagogy
2	All faculty	Teaching Methodologies for effective teaching.	6 days (Second module)	July -2016	Pedagogy
3	Dr. B R Revathi	Graph Theory	7 days	June-2015	II Sc
4	Dr. Chandra Kala				
5	Mr. Dhanunjaya Murthy				
6	Ms. Sushma P	Probability & Statistics	7 days	June-2015	ISI
7	Mr. Sree Gourav				
8	Ms. Pallavi G				
9	Mrs. Suma Sree	Numerical Analysis	7 days	June-2015	TIFR
10	Dr. Padmavathi R				
11	Mr. Jagadeesha S				
12	Mr. Shiva Prasad	Material Testing	15 days	June 1-15, 2015	IISc

13	Mrs. Jyothi G B	TEM, SEM & Raman Spectroscopy	10 days	June-2015	CMTI
14	All Physics and Chemistry Faculty	Thin film technology	3days	July-2015	IISc, CMTI
15	Dr. Aravind	Nano Technology	5 days	3rd -7th June-2015	IISC
16	Dr. Raghu	Pharmaceuticals	2 days	21st & 25th July-2015	JNC
17	Ms. Sowmya Sree	Liquid Crystals	5 days	5th -9th May-2015	Ramaiah University

Principal:

Areas of training/development	Duration (Days)	Date(Tentative)
Visit to premiere Institution	15 days	Sep,2015

Attendance in activities such as workshops, seminars,

- Depending upon the need of the department and the individual they;
- Will be deputed for one national/international workshops/seminar per semester to develop new knowledge and skills in their current or future roles.
- At least one workshop/seminar will be conducted by every department by involving the faculty and also inviting eminent resource persons from field/industry/academic institutions with the help of funding agencies such as TEQIP/AICTE/ DST/ MHRD /VTU etc.
- Improvement in faculty qualifications
- Improvement in faculty qualification will be done by deputing the faculty members to IISc, IITs and other premier technical institutes in India.
- The faculty members will be encouraged to register for the PG/Ph.D. programs which are offered in the institute.
- Deputing the faculty for higher studies with salary, many faculty have acquired M.Tech/Ph.D. Degrees by this facility. At present 10 Faculty members in Engg discipline and 5 faculties in science discipline have registered for Ph.D in various premier Institutes, 18 faculty members have registered for M.Tech programme.
- Deputing faculty members (by Seniority) for higher studies.
- Faculty members are encouraged to participate in seminar, conferences workshops to make the faculty aware of the advances in knowledge, technologies and research.

Following table gives summary of the faculty participated in different training/seminar/workshops etc.

Workshop/Orientation Progmme Attended/Conducted on TEQIP Phase-II

List Of Faculty Development Programmes Conducted Under Teqip-II

Sl. No	Name Of The Department	Title Of Activity	Date		Name Of The Associated Organization
			From Date	To Date	
1.	ECE	Three Day workshop on ARM Processor Archt., pgming and applications	Aug 27th 2012	Aug 29th 2012	ARM Embedded Technologies
2.	COLLEGE Level	FDP on Teaching Methods and Techniques	5th Nov 2012	7th Nov 2012	National Institute of Technical Teachers training and Research , Chennai.
3.	CSE	Workshop on Emerging Trends in Image and Video processing	21st Jan 2013	25th Jan 2013	DRDO Bangalore, DRDO Chennai, Mysore University, HCL Technologies Bangalore, Siemens Bangalore, DTRL New Delhi
4.	ECE	A Five day workshop on ASIC Design using open source CAD tool, by AARON Research Lab. 4th to 8th March 2013	4TH Mar 2013	8th Mar 2013	AARON Research Lab
5.	ECE & ISE, CSE	Workshop on Advances in Wireless Sensor network using hands on from 7th to 11th May	7th May 2013	11th May 2013	IISc, DRDO, CISCO, HP Global Soft Ltd. ECIL
6.	Mech	National Workshop on "Additive Manufacturing and Micro Machining"	11th June 2013	13th June 2013	Scientists from CMTI, Bangalore
7.	EEE	Workshop on PLC and SCADA	26th June 2013	27th June 2013	Prolific systems
8.	CIVIL	One day workshop on Mind management "Mind UR Mind"	July 8th 2013	July 8th 2013	Sellmark Inc HR Consulting & Training
9.	Mechanical	Workshop on Entrepreneurship & Intellectual Property Rights EIPR-2013	11th July 2013	12th July 2013	MSRIT, National Institute of Design Bangalore, Nitte School of Magmt. Bangalore, IPR Bangalore
10.	Civil	Drafting Software Training	10th July 2013	20th July 2013	Kruthi Computers
11.	Civil	Workshop student inspiring	18th	20th July	Art of Living

		students to Excel	July 2013	2013	
12.	CSE	Emerging Research in Computing, Information, Communication and Applications	1st Aug 2013	03rd Aug 2013	C-DAC, DELL Research & Devept, HPC & Cloud Group, DIAT Pune, Detroit USA,
13.	Civil	International Workshop on Analytical and Computational Solid Mechanics(ACSM-2013)	5th Aug 2013	9th Aug 2013	IISc Bangalore, NASA USA, IIT Bombay
14.	ISE	Digital Signal Processing & Information Processing with Hands on	19th Aug 2013	23rd Aug 2013	IISc Bangalore, NAL Bangalore, NITK Surathkal , Crane Software int. Ltd.
15.	EEE	Recent Trends in Alternative Energy "Biofuels, Solar, Electric & Air" in reducing pollution of motor vehicles	22nd oct 2013	23nd oct 2013	Environment & E-Governance, Bangalore
16.	Chemistry	Advances in Material Research	24th Oct	25th Oct 2013	NITK Surathkal, IISC Bangalore
17.	Mechanical	National workshop on Introduction to Vehicle Dynamics	31st Oct	Nov 4th2013	Extencore Solutions
18.	CSE	Workshop on MS-Office	13th Nov	19th Nov 2013	NMIT, Bangalore
19.	EEE	Patents Design Trademarks & Copy Rights	06th Dec 2013	07th Dec 2013	CGPDTM, Chennai
20.	Mech	National Conference on Trends in Mechanical Engineering TIME-2014.	16th Jan 2014	17th Jan 2014	IIT Madras, JNCASR, IISc Bangalore, IIT Bhuvaneshwar, IIT Kharagpur, CPRI Bangalore, NAL , SIRMVIT, RITM Banglaore
21.	Civil	Faculty Development National Workshop on "Water Resources and Environmental Engineering" from	03rd Feb 2014.	07th Feb 2014.	Resource persons includes Professors, Scientist from premier educational and industrial institutions and NMIT, Bengaluru.
22.	CSE	Five Days Workshop on Application Research in Data Mining	3rd Feb 2014	7th Feb 2014	VIT Vellore, Cloud Computing Council India, Titanium pvt. Ltd. , Consultant from IIM,
23.	EEE & Mech	Three day National level Workshop on "Research on	5th Feb	7th Feb 2014	Karnataka Renewable Energy Development

		Renewable Energy Resources through Matlab/Simulink Models" 2014	2014		Ltd(KREDL), Govt of Karnataka and National Training Center for Solar Technology (NTCST), Karnataka Power Corporation Ltd(KPCL).
24.	CSE	A Five Day Workshop on Data Mining Techniques and Big Data	April 21 2014	April 25 2014	CDAC, IBM, DELL, DRDO, UOM, IISc, Cognizant Technology
25.	EEE	Two Day Workshop on "STRATEGIC PLANNING FOR INSTITUTIONAL DEVELOPMENT"	May 12th 2014	May 13th 2014	NIT, Surathkal, IIT Madras, IGNOU New Delhi, NITIE Mumbai
26.	Mechanical	5-Day Workshop on Rapid Prototyping & Manufacturing Technologies	June 09th 2014	June 13th 2014	Additive Manufacturing Society of India(AMSI)
27.	Multidisciplinary Departments	5 day national workshop on Nanomaterials and Microsystems from	14th July 2014	18th July 2014	Scientists from IISc, DRDO, NAL
28.	ECE	A Five Day Hands On Workshop on "Analog and Digital Chip Design	22nd July 2014	26th July 2014	Entuple Technologies , Bangalore , IISc Bangalore, RV-VLSI, Semicon Labs, CADENCE
29.	CSE & MCA	2nd International Conference on ERCICA-2014"	31st July 2014	2nd Aug 2014	IISc Bangalore , IIT Kanpur, IIT Bombay
30.	ISE	5 Day workshop on Hybrid (CPU-GPU) Computing and its applications with Hands on in Collaboration with NVIDIA	5th Aug 2014	9th August 2014	NVIDIA
31	Electronics	Student Satellite Training Programme-2	7th Aug 2014	9th Aug 2014	ISRO
32	Mech	BITES-NMIT Symposium on Design & Innovation	11th Aug 2014	-	
33	EEE	One day faculty training Program on Outcome based education	1st Dec 2014	-	MSRIT
34	Mechanical	One day Workshop for non technical staff on "TIG Welding Technology"	14th Feb 2015.	-	SLV Industries

Workshops Attended By Faculty

Sl. No	Name Of The Participant	Designation & Department	Period		Place & Venue
			From	To	
1.	Dr. Chirag Sharma	Professor, ECE	11th April 2012	12th April 2012	SJCE,Mysore ,Karnataka
2.	Vidyadevi G.B	Asst. Prof, CSE	1st June 12	2nd June 2012	KSIT, Bangalore
3.	Prathiba Ballal	Astt.Prof, CSE	1st June 2012	2nd June 2012	VTU e-Learning Center, Mysore
4.	Mohan.B.A	Senior Lect, CSE	20th June 2012	22nd June 2012	NITK,Surathkal
5.	Veda Sandeep Nagaraj	Asst. Prof. ECE	21st June 2012	-	CMRIT ,Bangalore
6.	Rohith H.P	Lecturer, ISE	25th June 2012	29th June 2012	Infosys Campus at Mysore
7.	C.H.Venkata Ramesh	Lecturer , EEE	27 June 2012	29 june 2012	R.V.C.E, Bangalore
8.	K.U. Vinayaka & V.M. Parthasarathy	Lecturer EEE	5th July	6th July 2012	PESIT,Bangalore.
9.	Dr. Sreenivasappa B.V	Assoc. Prof, ECE	9th July 2012	-	RVCE, Bangalore
10.	Vasudha Hegde	Asst. Prof,EEE	24th July 2012	25th july 2012	Sapthagiri College of Engg.
11.	G.K.Girish	Lecturer ECE	23rd Aug 2012	24th Aug 2012	RVCE,Bangalore
12.	Maya K.N	Lecturer, EEE	24th July 2012	25th July2012	Sapthagiri Colleg of Engg
13.	Dr. H.M. Ravikumar	Professor & HoD EEE	5th Nov 12	6th Nov 2012	Nayak Power Sys, Bangalore
14.	Prathima Guruprasad	Sr. Lecturer, CSE	6th Nov 2012	7th Nov 2012	REVA institute of Technology, B'lore
15.	Sowmyashree A.S	Lecturer, Chemistry	26th Nov 2012	27th Nov 2012	VTU, Belgaum
16.	Ashok Reddy	Lecturer, Physics	26th Nov 2012	27th Nov 2012	VTU, Belgaum
17.	Prathima Guruprasad	Sr. Lecturer, CSE	6th Dec 2012	8th Dec 2012	Oxford College of Engg, B'lore
18.	Varsha Prasad	Sr. Lecturer	6th Dec	8th Dec 2012	Cadence , Bangalore
19.	Vasudha hedge	Asst.prof, EEE	19th Dec 2012	20th Dec 2012	NITK, Surathkal

20.	Dr. Srilatha Rao	Asso.Prof, chemistry	30th Jan 2013	-	IISC,B'lore
21.	Ms.Sowmyashree	Lecturer, Chemistry	30th Jan 2013	-	IISC,B'lore
22.	Poornima M.S	Lecturer,CSE	30th Jan	31st Jan 2013	Acharya Institute of Technology, B'lore
23.	Chaithra H V	Sr. Lecturer,CSE	30th jan	31st jan 2013	Acharya institute of Technology, B'lore
24.	N. Samanvitha	Lecturer, EEE	2nd Feb 2013	3rd Feb 2013	Bangalore
25.	Rekha Phadke	Sr. lecturer, ECE	7th Feb 2013	9th Feb 2013	M.S engg College
26.	Vandya Alva	Account officer	11th Feb 2013	-	SKSJIT, Bangalore
27.	Sujatha Joshi	Asst.Prof, CSE	26th Feb 2013	1 March 2013	BITS Pilani ,Goa
28.	Shailaja B	Receptionist	10th March 2013	-	British Council library
29.	Naveen Kumar S.M	Asst Librarian	14th Marc	16th March 2013	PES college, Mandya
30.	Madhu S B	Asst Librarian	14th Marc	16th March 2013	PES college, Mandya
31.	Chaitra H.V	Sr. Lecturer,CSE	15th March	16th March 2013	PESIT, Bangalore
32.	Satish E.G	Lecturer , CSE	15th March 2013	16th march 2013	PESIT, Bangalore
33.	Mr. B.S. Pavan	Lecturer, ECE	19th March	23rd march	Dr. AIT, Bangalore
34.	Dr. Sudheer Reddy	Prof. Mech	22nd April	26th April 2013	ANSYS Software Pvt ltd. Bangalore
35.	G.K.Girish	Lecturer, ECE	25th April 2013	27th April 2013	MSRIT, Bangalore
36.	Dr. Jeevan Kumar Padarthi	Assist.prof, Physics	25th April	27th April 2013	MSRIT, Bangalore
37.	Veena S	Sr. Lecturer, EEE	25th April	27th April 2013	MSRIT,Bangalore
38.	Vasudha Hegde	Assist.Prof,EE E	25th April	27th April 2013	MSRIT,Banglaore
39.	Mahendra M.A	Lecturer, Aero	6th May 2013	10th May 2013	Infosys Mysore
40.	Hamritha. S	Lecturer, Mech	6th may	10th may 2013	Infosys Mysore
41.	Gangadhar K.C	Librarian	7th May 2013	-	JSS Academy for Eng & Technology, B'lore
42.	D.B.Srinivas	Asst. Prof. ISE	4th June	7th June 2013	Bangalore

43.	Balachandra p Shetty	Prof, Mech	4th June	7th June 2013	Bangalore
44.	B.A.Mohan	Sr. Lecturer, CSE	17th June 2013	19th June 2013	NITK , Surathkal
45.	Ramkrishna k	Lecturer, CSE	17th June 2013	19th June 2013	NITK , Surathkal
46.	Nagaraj S.R	Lecturer, CSE	17th June 2013	19th June 2013	NITK , Surathkal
47.	Archana Nayak	Sr.Lectuer,Civil	27th June 2013	28th June 2013	MSRIT,B'lore
48.	Santhosh N	Lecturer, Aero	01 july 2013	05 july 2013	JSSATE, B'lore
49.	Mr. Arun Kumar	Lecturer, Mech	11th July	13th July 2013	IIT, Madras
50.	Mrs. Naina R. Karkala	Assit.Prof, ECE	11th July	13th July 2013	IIT, Madras
51.	Mrs. Seemasreekumar	Assist. Prof, ECE	11th July	13th July 2013	IIT, Madras
52.	Mr. Sriram Mukunda	Assist.Prof, Mech	11th July	13th July 2013	IIT, Madras
53.	Mr. Mohan B.A	Assistant Prof,CSE	11th July	13th July 2013	IIT, Madras
54.	Mr. Ramakrishna K	Assistant prof, CSE	11th July	13th July 2013	IIT, Madras
55.	Mrs. Bhuvaneshwari S Patil	Assistant prof, CSE	11th July	13th July 2013	IIT, Madras
56.	Mr. Santhosh Kumar K l	Lecturer, CSE	11th July	13th July 2013	IIT, Madras
57.	Pallavi Munihanumaian	Lecturer, CSE	13th July	14th July 2013	PESIT, Bangalore
58.	Sadhana H Upadhya	Lecturer, Chemistry	15th July 2013	19th July 2013	NMAMIT, Nitte
59.	Ganavi H S	Lecturer, Chemistry	15th July 2013	19th July 2013	NMAMIT, Nitte
60.	Sujatha Joshi	Ast .prof, CSE	22nd july 2013	24th july 2013	RVCE, B'lore
61.	Chaitra H.V	Lecturer, CSE	22nd july 2013	24th july 2013	RVCE, B'lore
62.	Nirmala J S	Lecturer, CSE	22nd july 2013	24th july 2013	RVCE, B'lore
63.	Praveen Kumar S	Lecturer , Mech	30th july	-	PESIT , Mandya
64.	Rohith H.P	Lecturer, ISE	30th july	-	PESIT , Mandya
65.	Prathibha A Ballal	Assist.Prof, CSE	21st Aug	22nd Aug 2013	Bangalore

66.	Suresh s Sapare	Asst. prof, Civil	2nd Sep 2013	3rd sep 2013	SJCE, Mysore
67.	Shiv Pratap Singh Yadav	Lecturer , Mech	26th sep	27th sep 2013	Sambhram Institute of Tech., Bangalore
68.	Suresh S Sapare	Asst. Professor, Civil	19th ,20th , 26th, 27th Oct 2013	19th ,20th , 26th, 27th Oct 2013	Manipal Center, Bangalore
69.	Prof. K.A. Ranganatha Setty	Prof. & Dean Academic	18th Nov 2013	-	Delhi
70.	Meenakshi	Asst.Prof	29th Nov 2013	-	CSI, Bangalore
71.	Mohan B A	Asst. Prof	02nd Dec 2013	06th Dec 2013	MIT,Manipal Mangalore
72.	Pallavi Munihanumaian	Lecturer, CSE	07th Nov 2013	08th Nov 2013	KSTA, Bangalore
73.	Nanjundi Prabhu	Assist Professor, Civil	09th Dec 2013	14th Dec 2013	Karunya University, Coimbatore
74.	Nagaraj S.R	Assist Prof, CSE	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
75.	Mr. Sunil	Assist Prof, Mech	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
76.	Mr. Rohith HP	Assist Prof, ISE	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
77.	Mr. Girish G K	Assist Prof, ECE	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
78. 79.	Mr. Muralidhar	Assist Prof, Civil	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
80. 81.	Prof.Kiran Aithal	Professor, Mech	06th Jan 2014	08th Jan 2014	Hotel Singaar Int. Kanyakumari
82. 83.	Prof. H.M. Ravikumar	Professor, Mech	06th Jan 2014	08th Jan 2014	Hotel Singaar Int. Kanyakumari
84. 85.	Shiv Pratap Singh Yadav	Assistant Professor, Mech	30th Jan 2014	-	FKCCI, Bangalore
86.	Prof.Sanjeev Nayak	Associate Professsor, EEE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery

87.	Prof.Rajesh N	Associate Professsor, ECE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
88.	Kiran Umchagi	Assist Professor, Civil	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
89. 90.	Praveen Kumar	Assist Professor, Mech	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
91.	Rudra Naik	Assist Professor, Mech	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
92.	Santhosh	Assist Professor, Aero	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
93.	Afroz Pasha	Assist Professor, CSE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
94.	Rohith H P	Assist Professor, ISE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
95.	Dr. Kiran Aithal	Professor, Mech	4th March 2014,	5th March 2014	Hotel Atria, Bangalore
96.	Prof. Madhusudan	Assoc. Professor, Mech	4th March 2014,	5th March 2014	Hotel Atria, Bangalore
97.	Sridevi H R	Asst.Prof, EEE	14th Mar 2014	15th Mar 2014	PES University, Bangalore
98.	B.S Aruna Prabha	Asst.Prof, EEE	14th Mar 2014	15th Mar 2014	PES University, Bangalore
99.	Lakshmi H	Asst.Prof, ISE	13th Mar 2014	14th Mar 2014	TCS Bangalore
100.	Deepika K M	Asst. Prof, ISE	13th Mar 2014	14th Mar 2014	TCS Bangalore
101.	Rama Devi K	Lab Asst. EEE	30th Jan 2014	01st Feb 2014	SJBIT, Bangalore
102.	Amitha Kumari	Lab Asst. EEE	30th Jan 2014	01st Feb 2014	SJBIT, Bangalore
103.	Sree Gowrav K R	Asst. Prof, Maths	20th Feb 2014	22nd Feb 2014	K.S.School of Engineering and Management , Bangalore
104.	Preetham N	Asst.Prof, ISE	2nd March 2014	9th march 2014	NITK, Surathkal
105.	Sridevi H R	Asst.Prof, EEE	3rd April 2014	5th April 2014	IITM, Chennai
106.	Siridevi N C	Asst.Prof, EEE	3rd April 2014	5th April 2014	IITM, Chennai

107.	Sowmya Raman	Asst.Prof, EEE	3rd April 2014	5th April 2014	IITM, Chennai
108.	Rashmi H R	Asst.Prof, Civil	29th April 2014	30th April 2014	MSRIT,Bangalore
109.	Sriram Mukunda	Asst. Prof, Mech	09th June 2014	11th June 2014	CMTI, Bangalore
110.	Santhosh N	Asst. Prof. Aero	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
111.	Dr. Prshanth Gogai	Assoc. Prof, ISE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
112.	Dr.Nalini N	Prof. CSE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
113.	Girish G K	Asst. Prof, ECE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
114.	Praveen B A	Asst. Prof, Mech	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
115.	Venkata Ramesh	Asst. Prof, Mech	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
116.	Srikanth Prabhu	Asst.Prof, Mech	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
117.	Sowmya J	Asst. Prof, CSE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
118. 119.	Vinay M	Asst Prof, Civil	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
120.	Prathibha A Ballal	Assist.Prof, CSE	21st Aug	22nd Aug 2013	Bangalore
121.	Suresh s Sapare	Asst. prof, Civil	2nd Sep 2013	3rd sep 2013	SJCE, Mysore
122.	Shiv Pratap Singh Yadav	Lecturer , Mech	26th sep	27th sep 2013	Sambhram Institute of Tech., Bangalore

123.	Suresh S Sapare	Asst. Professor, Civil	19th ,20th , 26th, 27th Oct 2013	19th ,20th , 26th, 27th Oct 2013	Manipal Center, Bangalore
124.	Prof. K.A. Ranganatha Setty	Prof. & Dean Academic	18th Nov 2013	-	Delhi
125.	Meenakshi	Asst.Prof	29th Nov 2013	-	CSI, Bangalore
126.	Mohan B A	Asst. Prof	02nd Dec 2013	06th Dec 2013	MIT,Manipal Mangalore
127.	Pallavi Munihanumaian	Lecturer, CSE	07th Nov 2013	08th Nov 2013	KSTA, Bangalore
128.	Nanjundi Prabhu	Assist Professor, Civil	09th Dec 2013	14th Dec 2013	Karunya University, Coimbatore
129.	Nagaraj S.R	Assist Prof, CSE	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
130.	Mr. Sunil	Assist Prof, Mech	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
131.	Mr. Rohith HP	Assist Prof, ISE	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
132.	Mr. Girish G K	Assist Prof, ECE	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
133.	Mr. Muralidhar	Assist Prof, Civil	10th Dec 2013	12th Dec 2013	Institutional Devt. & Quality Mgmt, by ISTE, Hotel Le Royal Meridien, Chennai
134.	Prof.Kiran Aithal	Professor, Mech	06th Jan 2014	08th Jan 2014	Hotel Singaar Int. Kanyakumari
135.	Prof. H.M. Ravikumar	Professor, Mech	06th Jan 2014	08th Jan 2014	Hotel Singaar Int. Kanyakumari
136.	Shiv Pratap Singh Yadav	Assistant Professor, Mech	30th Jan 2014	-	FKCCI, Bangalore
137.	Prof.Sanjeev Nayak	Associate Professsor, EEE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
138.	Prof.Rajesh N	Associate Professsor, ECE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
139.	Kiran Umchagi	Assist Professor, Civil	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
140.	Praveen Kumar	Assist Professor, Mech	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery

141.	Rudra Naik	Assist Professor, Mech	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
142.	Santhosh	Assist Professor, Aero	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
143.	Afroz Pasha	Assist Professor, CSE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
144.	Rohith H P	Assist Professor, ISE	5th th March 2014	7thMarhc 2014	IST Grand Fantasy, Pandichery
145.	Dr. Kiran Aithal	Professor, Mech	4th March 2014,	5th March 2014	Hotel Atria, Bangalore
146.	Prof. Madhusudan	Assoc. Professor, Mech	4th March 2014,	5th March 2014	Hotel Atria, Bangalore
147.	Sridevi H R	Asst.Prof, EEE	14th Mar 2014	15th Mar 2014	PES University, Bangalore
148.	B.S Aruna Prabha	Asst.Prof, EEE	14th Mar 2014	15th Mar 2014	PES University, Bangalore
149.	Lakshmi H	Asst.Prof, ISE	13th Mar 2014	14th Mar 2014	TCS Bangalore
150.	Deepika K M	Asst. Prof, ISE	13th Mar 2014	14th Mar 2014	TCS Bangalore
151.	Rama Devi K	Lab Asst. EEE	30th Jan 2014	01st Feb 2014	SJBIT, Bangalore
152.	Amitha Kumari	Lab Asst. EEE	30th Jan 2014	01st Feb 2014	SJBIT, Bangalore
153.	Sree Gowrav K R	Asst. Prof, Maths	20th Feb 2014	22nd Feb 2014	K.S.School of Engineering and Management , Bangalore
154.	Preetham N	Asst.Prof, ISE	2nd March 2014	9th march 2014	NITK, Surathkal
155.	Sridevi H R	Asst.Prof, EEE	3rd April 2014	5th April 2014	IITM, Chennai
156.	Siridevi N C	Asst.Prof, EEE	3rd April 2014	5th April 2014	IITM, Chennai
157.	Sowmya Raman	Asst.Prof, EEE	3rd April 2014	5th April 2014	IITM, Chennai
158.	Rashmi H R	Asst.Prof, Civil	29th April 2014	30th April 2014	MSRIT,Bangalore
159.	Sriram Mukunda	Asst. Prof, Mech	09th June 2014	11th June 2014	CMTI, Bangalore
160.	Santhosh N	Asst. Prof. Aero	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore

161.	Dr. Prshanth Gogai	Assoc. Prof, ISE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
162.	Dr.Nalini N	Prof. CSE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
163.	Girish G K	Asst. Prof, ECE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
164.	Praveen B A	Asst. Prof, Mech	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
165.	Venkata Ramesh	Asst. Prof, Mech	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
166.	Srikanth Prabhu	Asst.Prof, Mech	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
167.	Sowmya J	Asst. Prof, CSE	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
168.	Vinay M	Asst Prof, Civil	11th June	13th June 2014	Inst. Development & Quality Mgmt., by ISTE, Atria Hotel, Bangalore
169.	Dr. Kiran Aithal S	Prof. Mechanica	1st Sept	5th Sept 2014	PUNE INDIA
170.	Prof. Sankar Dasiga	Prof. ECE	18th Aug 2014	22nd August 2014	IIM Bangalore
171.	Prof. Karunakar Rai	Prof. ISE	18th Aug 2014	22nd August 2014	IIM Bangalore
172.	Mr. Ramesh Babhu N	Asst. Prof, Mech	21st Aug 2014	23rd Aug 2014	VVIT Bangalore
173.	Dr. H.C. Nagaraj,	Principal	14th September 2014	15th September 2014	Metropolitan Hotel, New Delhi
174.	Dr. Dhananjaya H.A,	Prof.& HOD, CIVIL	22nd September 2014	-	PSG College of Technology, Coimbatore
175.	Mr.Pramod Jain S.A	TEQI, Technical Assistant	22nd September 2014	-	PSG College of Technology, Coimbatore
176.	Prof.K.A.Ranganatha Setty	Dean Academic,	23rd September	-	M.S Ramaiah Institute of

			2014		Technology, Bangalore
177.	Mr. Pramod Jain S.A	TEQIP, Technical Assistant	23rd September 2014	-	M.S Ramaiah Institute of Technology, Bangalore
178.	Mr. Kiran, Asst.	Professor , Civil Engg	10th December 2014	12th Decmber 2014	Hotel MASCOT (KTDC), Thiruvananthapuram , Kerala
179.	Mr. jairaj, Asst.	Asst. Professor, Civil Engg	10th December 2014	12th December 2014	Hotel MASCOT (KTDC), Thiruvananthapuram , Kerala
180.	Mr. Muralidhar,	Asst. Professor, Civil Engg	10th December 2014	12th December 2014	Hotel MASCOT (KTDC), Thiruvananthapuram , Kerala
181.	Mr. Nanjundi Prabhu,	Asst. Professor, Civil Engg	10th December 2014	12th December 2014	Hotel MASCOT (KTDC), Thiruvananthapuram , Kerala
182.	Mr. Manjunath	Asst. Professor, Civil Engg	10th December 2014	12th December 2014	Hotel MASCOT (KTDC), Thiruvananthapuram , Kerala
183.	Mr. Aman Gupta	Asst. Professor, Aero Engg	11th Dec 2014	13th Dec 2014	Hotel Basil, Sampige Road, Malleshwaram Bangalore
184.	Dr. Jharna Majumdar,	Dean R&D, Prof & Head ,CSE	2nd Feb 2015	3rdFeb 2015	Leela Palace Bangalore
185.	Dr. Sandya S,	Professor & Head , ECE	2nd Feb 2015	3rdFeb 2015	Leela Palace Bangalore
186.	Dr. Abdul Sattar	Professor & Head in the Department of Physics	2nd Feb 2015	3rdFeb 2015	Leela Palace Bangalore
187.	Mr. Sanket Salvi	Assistant Professor	14th Feb 2015	15th Feb 2015	L&T Infotech
188.	Prof.Rajesh N	Associate Prof, ECE	02nd March 2015	07th March 2015	IIM Kozhikode

Presented Paper in the Conferences/Attended Conferences

Sl. No	Name of the Participant	Designation & Department	Period		Place & Venue
			From	To	
1.	Mohan.B.A	Senior Lect. CSE	26th April	27th April 2012	Nagarjuna college , Bagalore
2.	Vijaya shetty	Asst.Prof, CSE	26th April 2012	27th April 2012	Nagarjuna Colleg of Engg,B'lore
3.	Prathiba S.N	Asst. Librarian	28thMay 2012	28th May 2012	VTU,Belgum
4.	Rajesh n	Asst. Prof, ECE	1st july 2011	2nd july 2011	Katmandu, Nepal
5.	K. Adithya Shastry	Assist. Prof ISE	26th July 2012	28th July 2012	Lalit Ashok, B'lore
6.	G.K.Girisha	Lecturer	21st Sept 2012	22nd Sep 2012	-
7.	Prasanna Paga	Asst. Prof, ECE	28th Sep 2012	30th sep 2013	NIMHANS Convention Centre, B'lore
8.	Veda Sandeep Nagaraj,Girish G.K, Pinjare S.L	Asst. prof, Lecturer, Professor & HOD, ECE	2nd Nov 2012	3rd Nov 2012	Ashoka Hotel, Bangalore
9.	Kavitha Sooda	Assit.Prof ,CSE	4th Dec 2012	7th Dec 2012	MAEER's MIT College of Engg, PUNE
10.	Dr. Balachandra. P.Shetty	Professor, Mech	5 Dec 2012	8th Dec 2012	IIT,Delhi
11.	Dr. Sanjay H.A	Prof & HOD ISE	Dec 06 2012	08 Dec 2012	JUIT, Solan
12.	Dr. Sudheer Reddy	Professor, Mechanical	7th Dec 2012	9th Dec 2012	Pune, ICIT 2012
13.	Dr. T.S. Rukmini	Professor,ECE	11th dec 2012	15th dec 2012	Jodhpur
14.	Aparna Manikonda	Asst.Prof	12th Dec 2012	16th Dec 2012	DR.NGP institute of Technology, Coimbatore
15.	Prathiba S.N	Asst. Librarian	13th Dec 2012	13th Dec2012	KSHEC, B'lore
16.	Bhuvaneshwari S Patil	Lecturer,CSE	13th Dec 2012	15th Dec 2012	Kovia medical Center & hospital, Coimbatore
17.	Santhosh N	Lecturer, Mech	07th jan	09th jan 2013	NEC, Coimbatore
18.	Sri Ram Mukunda	Lecturer ,Mech	7th Jan 2013	9th jan 2013	NEC, Kovilpatti, Tamilnadu

19.	Gangadhar K.C	Librarian	17th Jan 2013	19th Jan 2013	SIT,Tumkur
20.	Dr. Srilatha Rao	Assoc prof, chemistry	17th Jan 2013	19th Jan 2013	NITK, Surathkal
21.	K.C.Gangadhar	Sr.Librarian	14th Feb 2013	15th Feb 2013	SFGC, Bangalore
22.	Dhananjaya Murthy B V	Assis.Prof, mathematics	22nd Feb	23rd feb 2013	REVA institute of technology, B'lore
23.	K.C.Gangadhar	Sr.Librarian	24th Feb	27th Feb 2013	Dharwad
24.	Dr. H.C. Nagaraj	Principal	15th march 2013	-	ITC Royal Gardenia, Bangalore
25.	Prof.K.A.Ranganatha Setty	Principal	15th march 2013	-	ITC Royal Gardenia, Bangalore
26.	Santhosh N	Lecturer, Aero	05th April 2013	06th April 2013	PESIT,Banglaore
27.	Vasudha Hegde	Assist.Prof,EEE	12th April	13th April 2013	NMAMIT,NITTE
28.	Saroj Kumar	Lecturer, ECE	19th April	20th April 2013	VTU, Belgaum
29.	Sneha Velayudan	Lecturer, EEE	19th April	20th April 2013	VTU, Belgaum
30.	Bheema Rajulu	Lecturer, EEE	19th April	20th April 2013	VTU, Belgaum
31.	Divya Shankar	Lecturer, ECE	19th April	20th April 2013	VTU, Belgaum
32.	Shruthi Nagabhushan	Lecturer, ECE	19th April	20th April 2013	VTU, Belgaum
33.	Sankar Dasiga	Professor, ECE	20th May	23 May 2013	Shanghai , China
34.	Santhosh N	Lecturer , Aero	-	-	-
35.	Nanjundi Prabhu	Lectuer, Civil	25th July 2013	27th July 2013	UVCE, B'lore
36.	Santhosh N	Lecturer , Aero	07th Aug	08th Aug 2013	Taj Vivanta, Yeshwanthpur
37.	K.C.Gangadhar	Librarian	19th Aug	20th Aug 2013	Jnana Bharathi
38.	Rashmi H R	Lecturer, Civil	19th Sep	21st Sep 2013	VTU, Mysore
39.	Venkatesh G M	Lecturer, CSE	20th Sept 2013	21st Sept 2013	SVCE Auditorium Bangalore
40.	Sandeep Kumar Malu	Lecturer, CSE	20th Sept 2013	21st Sept 2013	SVCE Auditorium Bangalore
41.	Arun Kumar G L	Lecturer , Mech	27th Sep 2013	28th Sep 2013	SDMIT, Ujire

42.	Dr. S.L. Pinjare	Professor,ECE	10th Oct	11th oct 2013	Oxford college of engg, Bangalore
43.	Sowmya Madhavan	Assist. Prof. ECE	10th Oct 2013	11th Oct 2013	Oxford College of Engg ,Bangalore
44.	Manjula B.M	Assist. Prof. ECE	10th Oct 2013	11th Oct 2013	Oxford College of Engg ,Bangalore
45.	Rashmi H R	Lecturer, Civil	9th Nov 2013	-	Acharya Institute of Technology
46.	Sanjeev k Nayak	Asst. prof. EEE	10th nov 2013	13th nov 2013	Hotel Sherton, Banglore
47.	Ananthayya m B	Asst. prof, Civil	19th Nov	21st Nov 2013	VTU Mysore
48.	Ms. Deepika K.M	Assistant professor, ISE	November 22, 2013	November 23, 2013	Siddaganga Institute of Technology Tumkur, Karnataka,India
49.	Mr.Rohith H.P	Assistant professor, ISE	November 22, 2013	November 23, 2013	Siddaganga Institute of Technology Tumkur, Karnataka,India
50.	Mr.Manjunath B A	Assistant professor, ISE	November 22, 2013	November 23, 2013	Siddaganga Institute of Technology Tumkur, Karnataka,India
51.	Dr. H.M Ravi kumar	Professor ,Mech	23rd Nov 2013	24th Nov 2013	New Delhi
52.	Dr. T.S. Rukmini	Prof. ECE	Dec 18th	Dec 20th 2013	KIIT,Bhubaneswar
53.	Mr. Jairaj	Asst. Prof	22nd Dec 2013	24nd Dec 2013	IIT, Roorkee
54.	Dr. Saroja Devi H	Professor, CSE	06th Mar 2014	06th Mar 2014	New Delhi, BVICAM Institute
55.	Vijaya Shetty S	Assoc. Professor, CSE	20th Feb 2014	20th Feb 2014	Radha Regent Hotel, Chennai.
56.	Vashudha Hegde	Asst. Professor, EEE	27th Dec 2013	28th Dec 2013	RNSIT, Bangalore
57.	Ms. Veda Sandeep Nagaraj	Professor, ECE	08th July 2014	11th July 2014	IISc, Bangalore
58.	Dr. S.L.Pinjare	Professor,ECE	08th July 2014	11th July 2014	IISc, Bangalore
59.	Dr. P.G.Mukunda	Professor, Mech	08th July 2014	11th July 2014	IISc, Bangalore
60.	Dr. Jeevan Kumar	Professor, Physics	08th July 2014	11th July 2014	IISc, Bangalore
61.	Dr.Abdul Sattar	Professor,Physics	08th July 2014	11th July 2014	IISc, Bangalore
62.	Ms.Vasudha Hegde	Asst.Prof, EEE	08th July 2014	11th July 2014	IISc, Bangalore

63.	Ms. Veen Murthy	Asst. Prof, EEE	08th July 2014	11th July 2014	IISc, Bangalore
64.	Mr. Sriram Mukunda	Asst.Prof, Mech	08th July 2014	11th July 2014	IISc, Bangalore
65.	Mr. Rudra Naik	Asst.Prof, Mech	08th July 2014	11th July 2014	IISc, Bangalore
66.	Mr. Girish G K	Asst.Prof, ECE	08th July 2014	11th July 2014	IISc, Bangalore
67.	Ms. Sowmya	Asst.Prof, ECE	08th July 2014	11th July 2014	IISc, Bangalore
68.	Mr. Nagaraj	Asst.Prof, CSE	08th July 2014	11th July 2014	IISc, Bangalore
69.	Mr. Kiran Aithal	Professor, Mech	08th July 2014	11th July 2014	IISc, Bangalore
70.	Ms. Vidyashree	Asst.Prof, CSE	08th July 2014	11th July 2014	IISc, Bangalore
71.	Ms. Asha	Asst.Prof, CSE	08th July 2014	11th July 2014	IISc, Bangalore
72.	Santhosh N	Lecturer , Aero	07th Aug	08th Aug 2013	Taj Vivanta, Yeshwanthpur
73.	K.C.Gangadhar	Librarian	19th Aug	20th Aug 2013	Jnana Bharathi
74.	Rashmi H R	Lecturer, Civil	19th Sep	21st Sep 2013	VTU, Mysore
75.	Venkatesh G M	Lecturer, CSE	20th Sept 2013	21st Sept 2013	SVCE Auditorium Bangalore
76.	Sandeep Kumar Malu	Lecturer, CSE	20th Sept 2013	21st Sept 2013	SVCE Auditorium Bangalore
77.	Arun Kumar G L	Lecturer , Mech	27th Sep 2013	28th Sep 2013	SDMIT, Ujire
78.	Dr. S.L. Pinjare	Professor,ECE	10th Oct	11th oct 2013	Oxford college of engg, Bangalore
79.	Sowmya Madhavan	Assist. Prof. ECE	10th Oct 2013	11th Oct 2013	Oxford College of Engg ,Bangalore
80.	Manjula B.M	Assist. Prof. ECE	10th Oct 2013	11th Oct 2013	Oxford College of Engg ,Bangalore
81.	Rashmi H R	Lecturer, Civil	9th Nov 2013	-	Acharya Institute of Technology
82.	Sanjeev k Nayak	Asst. prof. EEE	10th nov 2013	13th nov 2013	Hotel Sherton, Banglore
83.	Ananthayya m B	Asst. prof, Civil	19th Nov	21st Nov 2013	VTU Mysore
84.	Ms. Deepika K.M	Assistant professor, ISE	November 22, 2013	November 23, 2013	Siddaganga Institute of Technology Tumkur, Karnataka,India
85.	Mr.Rohith H.P	Assistant professor, ISE	November 22, 2013	November 23, 2013	Siddaganga Institute of Technology

					Tumkur, Karnataka,India
86.	Mr.Manjunath B A	Assistant professor, ISE	November 22, 2013	November 23, 2013	Siddaganga Institute of Technology Tumkur, Karnataka,India
87.	Dr. H.M Ravi kumar	Professor ,Mech	23rd Nov 2013	24th Nov 2013	New Delhi
88.	Dr. T.S. Rukmini	Prof. ECE	Dec 18th	Dec 20th 2013	KIIT,Bhubaneswar
89.	Mr. Jairaj	Asst. Prof	22nd Dec 2013	24nd Dec 2013	IIT, Roorkee
90.	Vashudha Hegde	Asst. Professor, EEE	27th Dec 2013	28th Dec 2013	RNSIT, Bangalore
91.	Vijaya Shetty S	Assoc. Professor, CSE	20th Feb 2014	20th Feb 2014	Radha Regent Hotel, Chennai.
92.	Mr. Bheema Rajulu	Asst. Professor, EEE	01st March 2014.	8th March 2014	Big Sky, Montana, USA
93.	Ms. Shruthi Nagabhushana,	Asst. Professor, ECE	01st March 2014.	8th March 2014	Big Sky, Montana, USA
94.	Dr. Saroja Devi H	Professor, CSE	06th Mar 2014	06th Mar 2014	New Delhi, BVICAM Institute
95.	Ms. Veda Sandeep Nagaraj	Professor, ECE	08th July 2014	11th July 2014	IISc, Bangalore
96.	Dr. S.L.Pinjare	Professor,ECE	08th July 2014	11th July 2014	IISc, Bangalore
97.	Dr. P.G.Mukunda	Professor, Mech	08th July 2014	11th July 2014	IISc, Bangalore
98.	Dr. Jeevan Kumar	Professor, Physics	08th July 2014	11th July 2014	IISc, Bangalore
99.	Dr.Abdul Sattar	Professor,Physics	08th July 2014	11th July 2014	IISc, Bangalore
100.	Ms.Vasudha Hegde	Asst.Prof, EEE	08th July 2014	11th July 2014	IISc, Bangalore
101.	Ms. Veen Murthy	Asst. Prof, EEE	08th July 2014	11th July 2014	IISc, Bangalore
102.	Mr. Sriram Mukunda	Asst.Prof, Mech	08th July 2014	11th July 2014	IISc, Bangalore
103.	Mr. Rudra Naik	Asst.Prof, Mech	08th July 2014	11th July 2014	IISc, Bangalore
104.	Mr. Girish G K	Asst.Prof, ECE	08th July 2014	11th July 2014	IISc, Bangalore
105.	Ms. Sowmya	Asst.Prof, ECE	08th July 2014	11th July 2014	IISc, Bangalore
106.	Mr. Nagaraj	Asst.Prof, CSE	08th July 2014	11th July 2014	IISc, Bangalore

107.	Mr. Kiran Aithal	Professor, Mech	08th July 2014	11th July 2014	IISc, Bangalore
108.	Ms. Vidyashree	Asst.Prof, CSE	08th July 2014	11th July 2014	IISc, Bangalore
109.	Ms. Asha	Asst.Prof, CSE	08th July 2014	11th July 2014	IISc, Bangalore
110.	Ms. Ramya Srikanteswara,	Asst. Prof, CSE	25th July 2014	26th July 2014	R.V.College of Engineering, Bangalore
111.	Ms. Jagadevi N Kalshetty	Asst. Prof, CSE	25th July 2014	26th July 2014	R.V.College of Engineering, Bangalore
112.	Mrs. Chaithra K.R,	Asst.Prof, CSE	27th July 2014	-	Hotel Pai Viceroy Banalore
113.	Dr. T.S Rukmini	Professor, ECE	10th Oct 2014	11th Oct 2014	REVA University, Bangalore
114.	Ms. Lakshmi Priya	Asst. Prof, CIVIL	30th October 2014	31st October 2014	IISc Bangalore
115.	Mrs. Meenakshi	Asst. Prof, CSE	3rd November 2014	-	Sandish the Prince, Mysore,
116.	Mr. Rudra Naik, Asst.	Prof, Mechanical Engg	13th Nov 2014	14th Nov 2014	Park plaza hotel Bangalore
117.	Dr. H.C. Nagaraj	Principal	01st Dec 2014,	06th Dec 2014	Dubai International Convention & Exhibition centre, Dubai WTC
118.	Ms. Veda Sandeep Nagaraja,	Asst. Prof, ECE	3rd Dec 2014	6th Dec 2014	IISc Bangalore
119.	Mr. Rudresha K.J,	Asst. Prof, ECE	3rd Dec 2014	6th Dec 2014	IISc Bangalore
120.	Ms. Varsha Prasad,	Asst. Prof, ECE	3rd Dec 2014	6th Dec 2014	IISc Bangalore
121.	Ms..Sowmya Madhavan,	Asst. Prof, ECE	3rd Dec 2014	6th Dec 2014	IISc Bangalore
122.	Ms. Naina R Karkal,	Asst. Prof, ECE	3rd Dec 2014	6th Dec 2014	IISc Bangalore
123.	Ms. Veen S,	Asst. Prof, EEE	3rd Dec 2014	6th Dec 2014	IISc Bangalore
124.	Ms. Rudra Naik,	Asst. Prof, Mech	3rd Dec 2014	6th Dec 2014	IISc Bangalore
125.	Mr. Santhosh N	Asst.Prof, Aero	15th December 2014	18th December 2014	PES University Bangalore
126.	Dr. T.S Rukmini	Professor, ECE	17th Dec 2014	18th Dec 2014	Trivendrum, India.

127.	Mr. Jairaj,	Asst. Prof, CIVIL	17th December 2014	23rd December 2014	Indian Geotechnical Society, Kakinad
128.	Mr. Harish N	Asst. Prof, Mech	19th h Dec 2014	20th Dec 2014	Sai Ram Institute of Technology, Tamil Nadu
129.	Mr. Chethan K S,.	Asst. Prof, Mech	19th Dec 2014	20th Dec 2014	Sai Ram Institute of Technology, Tamil Nadu
130.	Prof. Desai Gowda	Assoc Professor, Mech	20th Dec 2014 .	-	SPFU Bangalore
131.	Mrs. Sujata Joshi,	Assoc Professor, CSE	20th Dec 2014	21th Dec 2014	VSSUT, Odisha India
132.	Ms. Snehal K	Asst. Prof, CIVIL	29th Dec 2014,	30thDec 2014,	K.M.Cariyappa College, Madikeri, Kodagu
133.	Ms. Rashmi H.R	Asst. Prof, CIVIL	29th Dec 2014,	30thDec 2014,	K.M.Cariyappa College, Madikeri, Kodagu
134.	Mr. K.C. Gangadhar,	Senior Librarian, Library & Information Centre	1st January 2015	2nd January 2015	Nitte Karkala
135.	Dr. Jharna Majumdar	Dean R&D, CSE(PG	05th Jan 2015,	08th Jan 2015,	BMSCE Bangalore.
136.	Prof. Srinivas D.B,	Associate Prof., IS & E	05th Jan 2015,	08th Jan 2015,	BMSCE Bangalore.
137.	Prof. Rajesh N,	Associate Prof., E & CE	05th Jan 2015,	08th Jan 2015,	BMSCE Bangalore.
138.	Dr. Nalini N,	Professor, CS & E	05th Jan 2015,	08th Jan 2015,	BMSCE Bangalore.
139.	Mrs. Kavitha Sooda,	Associate Prof., CS & E	05th Jan 2015,	08th Jan 2015,	BMSCE Bangalore.
140.	Mr. Kiran S,	Assistant Prof. CS & E	05th Jan 2015,	08th Jan 2015,	BMSCE Bangalore.
141.	Dr.Jharna Majumdar	Dean R&D, Prof HOD, CSE	02nd March 2015	04thMarch 2015	JSS academy, Noida
142.	Mr. Santhosh Kumar K L	Asst.Prof, CSE	02nd March 2015	04th March 2015	JSS academy, Noida
143.	Ms. Shilpa Ankalaki,	Asst.Prof, CSE	02nd March 2015	04th March 2015	JSS academy, Noida
144.	Mr. Rudresh K J	Asst. Prof, Mech	08th March 2015.	10thMarch 2015.	CMET , Pune

Paper Published in Journals:

Sl. No	Name of the Participant	Designation & Department	Seminar/ Workshop/ Symposium/Journal/ Conference/Training/ FDP/ Study Tour	Date
1.	Seema Srekumar	Lecturer, ECE	Conference	28th June 2012
2	Dr. T.S. Rukmini	Professor, ECE	Journal	30th June 2012
3	Dr.T.S.Rukmini	Professor, ECE	Int. Journal	02nd July 2012
4	Dr. chirag Sharma	Prof. ECE	Journal	July Edition
5	Manjula B.M	Asst. Prof, ECE	Journal	-
6	Prasanna Paga	Asst. Prof ECE	Int… Journal	11th Sep 2012
7	Vijaya Shetty S	Asst. Prof,CSE	Journal	Oct 2012
8	Sowmya Madhavan	Lecturer	Journal	Oct 2012
9	Dhananjaya murthy B.V	Asst.Prof, Mathematics	Journal	7th March 2013
10	Dr. Mrinal Sarvagya	Professor, ECE	Journal	31st Dec 2013
11	Dr. Jharna Majumdar	Prof, CSE	Journal	26th May 2014
12	Dr. Jharna Majumdar	Prof, CSE	IJARET, Journal	30th July 2014
13	Dr. Jharna Majumdar	Prof, CSE	IJETAE, Journal	July 2014
14	Prof. Vijaya Shetty S	Prof.CSE	ICCIDN conference 2014	
15	Mrs. Manjula B M,	Asst.Prof, CSE	IJSR Journal 2014	
16	Mr. Santhosh Kumar K L	Asst.Prof, CSE	IJARET Journal 2014	
17	Dr.Jharna Majumdar	Dean R&D, Prof HOD, CSE	IJCET Journal 2014	
18	Prof. Vijaya Shetty S	Assoc. Prof	ICCIDN conference 2014	
19	Mr. Santhosh Kumar K L	Asst. Prof	IJARET Journal 2014	

20	Dr. Dinesh K Anvekar	Prof. & HOD	Academic Science International Journal 2015	
21	Ms. Deepa Kumari	Asst. Prof	Academic Science International Journal 2015	

Training Programs Attended

Sl. No	Name of the Participant	Designation & Department	Period		Place & Venue
			From	To	
1.	Shashidara k S	Assist.prof, ECE	20th Dec 2012	24th Dec 2012	IIT, Kharagpur
2.	Santhosh N	Lecturer , Aero	17th Jan 2013	30th May 2013	IISc, Bangalore
3.	Balachandra p Shetty	Prof, Mech	Jan 2013	May 2013	IISC,Bangalore
4.	Ms. Veda Sandeep Nagara	Assist.Prof,ECE	1st Feb	8th Feb 2013	IISC Bangalore
5.	Girish G.k,	Assist.Prof,ECE	1st Feb	8th Feb 2013	IISC Bangalore
6.	Ms. Amrutha,	Lecturer	1st Feb	8th Feb 2013	IISC Bangalore
7.	Mr. Praveen	Assist.Prof, Mech	1st Feb	8th Feb 2013	IISC Bangalore
8.	Dr. Srilatha rao,	Prof. Chemistry	1st Feb	8th Feb 2013	IISC Bangalore
9.	Dr. Aravind,	Prof. Chemistry	1st Feb	8th Feb 2013	IISC Bangalore
10	Ms. Veena. S,	Asst. Prof, EEE	1st Feb	8th Feb 2013	IISC Bangalore
11	Ms. Vasudha hedge,	Asst.Prof, EEE	1st Feb	8th Feb 2013	IISC Bangalore
12	Mr. Shivaprasad	Assist Prof, Physics	1st Feb	8th Feb 2013	IISC Bangalore
13	Ms. Kavitha kamath	Assist Prof, Physics	1st Feb	8th Feb 2013	IISC Bangalore
14	Mr. Mahesha.A	Lab Supervisor, EEE	25th Feb 2013	2nd March 2013	NTCST, B'lore
15	Rudra Naik M	Lecturer ,Mech	24th July 2013	26th July 2013	Bangalore

16	Rashmi H R	Lecturer, Civil	16th Aug	17th Aug 2013	PES College of engg, Mandya
17	Shiv Pratap Singh Yadav	Assistant Professor, Mech	9th ,10th , 16th and 17th Nov 2013	9th ,10th , 16th and 17th Nov 2013	Nitte School of Management Centre for Management Development , Bangalore
18	Vinayaka N	Asst. Prof, Mech	7th ,8th , 14th and 15th Nov 2013	7th ,8th , 14th and 15th Nov 2013	Nitte School of Management Centre for Management Development , Bangalore
19	Mr. Santhosh N	Lecturer, Mech	7th ,8th , 14th and 15th Nov 2013	7th ,8th , 14th and 15th Nov 2013	Nitte School of Management Centre for Management Development , Bangalore
20	Sowmya Madhavan	Assist. Prof. ECE	Dec 16th	27th Dec 2013	M.S. Ramaiah School of Advanced Studies , Banglore
21	Smt. Varsh Prasad	Assist.Prof, ECE	01st Jan 2014	31st March 2014	Purdue University
22	Smt.Sowmya Madhavan	Assist.Prof, ECE	01st Jan 2014	31st March 2014	Purdue University
23	Smt. Madhu Patil	Assist.Prof, ECE	01st Jan 2014	31st March 2014	Purdue University
24	Smt. Manjula B M	Assist.Prof, ECE	01st Jan 2014	31st March 2014	Purdue University
25	Mr. Shashidhar K S	Assist.Prof, ECE	01st Jan 2014	31st March 2014	Purdue University
26	Prof.P.B. Shetty	Prof, Mech	01st Jan 2014	31st March 2014	Purdue University
27	Mr. Vinayaka N	Asst. Prof, Mech	01st Jan 2014	31st March 2014	Purdue University
28	Mr. Vishwanath Panwar	Asst Prof, Mech	01st Jan 2014	31st March 2014	Purdue University
29	Lakshmi M	Asst Prof, ISE	01st Jan 2014	31st March 2014	Purdue University
30	Benadict Disouza	Lab Assist, ECE	28th Jan 2014	30th Jan 2014	SJBIT College, Bangalore

31	Hemavathi C M	Lab Assist, ECE	28th Jan 2014	30th Jan 2014	SJBIT College, Bangalore
32	Ashakumari	Lab Assist, ECE	28th Jan 2014	30th Jan 2014	SJBIT College, Bangalore
33	Sumithra A	Lab Assist, ECE	28th Jan 2014	30th Jan 2014	SJBIT College, Bangalore
34	Rama Devi K	Lab Assist, EEE	30th Jan 2014	01st Feb 2014	SJBIT BGS Health & Education City, Bangalore
35	Amitha Kumari	Lab Assist, EEE	30th Jan 2014	01st Feb 2014	SJBIT BGS Health & Education City, Bangalore
36	Shiv Pratap Singh Yadav	Assistant Professor, Mech	24th , 25th, 31st of May 2014	1st , 7th 8th 14th and 15th June 2014	Nitte School of Mgt.

Details of Foreign Visits During TEQIP Phase-II

Sl. no	Name of the Participant & Designation and Department	Purpose of the Visit	Title of Paper Presented (If any)	Place and Venue	Period of Visit		Duration of the visit
					From	To	No. of days
1.	Mr. Saroj Kumar, Lecturer ECE	Presentation of Paper Attending the workshop & Participation in the conference.	Two stage De-tumbling for Twin NANO Satellites Studsat-2A/2B	China National Convention Center, Beijing, China	19th Sep 2013	30th Sep 2013	11 days (including Journey)
2.	Ms. Sneha Velayudhan, Lecturer, EEE	Presentation of Paper Attending the workshop & Participation in the conference.	Design of Electronic Power System for STUDSAT-2	China National Convention Center, Beijing, China	19th Sep 2013	30th Sep 2013	11 days (including Journey)
3.	Ms. Divya Shankar, Lecturer, ECE	Presentation of Paper Attending the workshop & Participation in the conference.	Design of ONBOARD communication system for the NANO-Satellite STUDSAT-2A/2B	China National Convention Center, Beijing, China	19th Sep 2013	30th Sep 2013	11 days (including Journey)
4.	Dr. H.C Nagaraj, Principal, ECE	As a member of ISTE Delegation visiting USA Universities from	____	USA Universities – NewYork,	Oct 12th 2013	Oct 25th 2013	14 days (including Journey)

		Oct 12th 2013 to Oct 25th Oct 2013 and attending Global Engineering Deans Council conference, Chicago 2013, oct 20-22,		Wahsington D. C , Buffalo, IOWA , Michingan , Detroit. Chicago, USA			
5.	Mr. Chethan Kumar, Lecturer ,Mech	Paper Presentation & Participating in The 14th Asian Congress on fluid Mechanics	Simulation of flow past a double floated aerofoil using multi block structured grid	Vietnam, Hanoi and Halong	15th Oct 2013	19th Oct 2013	5 days (including Journey)
6.	Dr. Dhananjaya H.A, Prof &Head, Civil	Attending Workshop on Strategic planning for institutional development	____	Kathmandu, Nepal Park village Hotel	Nov 21 2013	Nov 25 2013	5 days (including Journey)
7.	Prof.K.A.Rangan atha Setty, Dean Academic & TEQIP Coordinator	Attending Workshop on Strategic planning for institutional development	____	Kathmandu, Nepal Park village Hotel	Nov 21 2013	Nov 25 2013	5 days (including Journey)
8.	Dr. Sanjay H.A Prof & HOD , ISE	Attending International Interactive workshop on Effective Academic Leader Ship Strategies	____	SEGI University, Kuala lumpur Malaysia	11th Dec 2013	15th Dec 2013	5 days (including Journey)
9.	Prof.Sanjeev Nayak, Assistant Prof, EEE	Paper Presentation & Participating in the 8th IEEE international Conference on Industrial and Information systems 2013(IEEE-ICIIS-13)	Fuel Cell Based Hybrid Distributed Generation Systems" A review"	Faculty of Engineering University of Peradeniya, Kandy, Srilanka.	16th Dec 2013	22nd Dec 2013	7 days (including Journey)
10.	Dr. H.C. Nagaraj, Principal	Attending conference on "Engineering Education for a Global Community"	-	International Convention & Exhibition centre, Dubai WTC	01st Dec 2014,	06th Dec 2014	6 days (including Journey)
11. `	Prof. N.R. Shetty, Dr. H.M. Ravikumar, Dr.Sudheer Reddy & Ms. Samanvith	Visited North Dokota State University, Forgo USA	Signing MOU with NDSU University	Forgo , USA	11th June 2014	13th June 2014	10th June to 16th June 2014 7 days (Including Journey)

2.8 Provide an Action Plan for Training Technical and Other Staff in Functional Areas.

Development of Teaching Staff in Subject Domain:

Technical Staff:

Areas of training	Name of the Faculty	Duration & Tentative Date	Trainer/Organization
Field Technician Networking & Storage	Support staff members	1 week, Jan 2016	To be arranged in association with Premier Institute
PC Trouble shooting	Support staff members	3 Days, June 2015	To be arranged in association with Premier Institute
Soft and Communications Skills development	Support staff members	10 days, October 2015	To be arranged in association with Premier Institute
Computer Communication and Networking	Support staff members	10 days	To be arranged in association with Premier Institute
FPGA/MATLAB	Support staff members	1 Weeks, May 2016	MSRSAS
PCB design MSP-430	Support staff members	1 weeks, May 2015	Live wire Bangalore
Cadence tool/NS2	Support staff members	1 weeks, July 2016	Entuple Technologies
Hardware &Networking	Support staff members	1 weeks, Aug 2015	NIIT,Bangalore
COMSOL	Support staff members	1 weeks, Sept 2015	COMSOL-Multipysics

CLASS IV STAFF:

Sl. No	Name of staff member	Areas of training/development	Duration (Days)	Date	Trainer Organization
1	Aswathnarayan,Lakshmidevamma Durgappa ,Chennakeshava Shivaappa, Harish, Siddaraju Krishna murthy,Sunil .L.,Ramanna Ninge Gowda, Prasadh, Ragavendra Shiva kumar, Shrimathi	Communication English	1Month Batch wise	Dec to Aug,2015	College level

2	Aswathnarayan,Lakshmidevamma Durgappa , Chennakeshava, Shivaappa , Harish, Siddaraju , Krishna murthy, Sunil .L., Ramanna , Ninge Gowda, Prasadh, Ragavendra , Shva kumar Shrimathi, Krishna Murthy	Basic computer skills	1Month Batch wise	May-Jan,2016	College level

Administrative Staff:

Sl. No	Name of staff member	Areas of training/development	Duration (Days)	Date	Trainer Organization
1	Raja Shetty	Budgeting &financial management	1 week	June ,2015	IIM,B'lore
2	Sony malli	Planning and implementation program	1 week	Aug ,2015	College level
3	Vandhya Alva	Office Automation training	1 week	Aug ,2015	College level
4	Mr.Suraj	Office Automation training Communication skills	1 week 15 days	Aug ,2015	College level
5	Ms.Malathi S	Office Automation training Communication skills	1 week 15 days	Aug ,2015	College level
6	Mr.Shrikanth Kotian	Personality development	1week	Apr,2016	College level
7	Mr.Manjunathachar	Office Automation training Communication skills	1 week 15 days	June 2016 Jul,2016	College level
8	Mr.Lakshminarayana Hebbar	Personality development	1 week	Apr,2016	College level
9	Mr.Radhakrishnan K	Personality development	2 week	Apr,2016	College level
10	Ms.Malathi R	Personality development	3 week	Apr,2016	College level
11	Ms.Sneha Shetty	Basic computer skills	2 week	May 2016	College level

2.9 Describe the Relevance and Coherence of Institutional Development Proposal withState's/National (in case of CFIs) Industrial /Economic Development Plan.

Coherence of Proposal with State's/Regional Development Plan:

Karnataka has been a pioneer in establishing science and technology institutions that have international standards. Karnataka has now been globally acclaimed for its achievement in the high technology manufacturing service sector, particularly its IT sector, which has been recognized as the second largest in the world. Given this status, Karnataka should now emerge as a global centre of excellence in education. For this to happen, it is essential that the State not only envisions achieving an education level which is the best in India, but one which is also competitive with countries of comparable size/system. The transformation of Karnataka into a vibrant knowledge society by 2020 will witness an increase in student enrolment with the actual numbers increasing from 12, 60,038 (18.1% GER) [2012-13] to 22,58,000 in 2020, reaching a GER of 35%.

This transformation should be entirely student centric, where the nature of expansion will reflect the student aspirations. As a point of departure, the higher education institutions in the state should design courses in accordance with the demand of students and match them appropriately to the dynamic work space that reflects employment opportunities both at the national and global level. Students need flexibility in choosing courses to prepare themselves for their careers and aspirations, which vary, especially at the extremes. In the drive for healthy competition, higher education institutions should continuously innovate and align with contemporary changes to be able to attract the best students. In other words, students should no longer be limited by the choice of conventional courses offered by colleges that do not prepare them for a smooth transition into the world of work. Opportunities should also be provided for continuing higher education and training in order to create a notion of citizenship and responsibility.

The Karnataka Government recently approved the new IT and Electronic Hardware policies to further boost the growth of these sectors, which account for 20 per cent of the state's Gross Domestic Product. The new IT Policy 2011 envisages promotion of the information technology industries and innovative parks in Tier II and III cities. The government also approved the Karnataka Electronics Hardware Policy and earmarked Rs 25 crore as

budgetary allocation for its implementation. State has plans to develop four Electronic Hardware parks in the clusters of Bangalore—Tumkur, Shimoga— Hassan, Hubli—Dharwad and Mysore—Nanjangud with all necessary infrastructure.

With the above expectations of the passing graduates our development plan has following thrusts:

- To provide trained and skilled technocrats for India as well as to meet the globalcompetitive talents.
- To provide the state-of-the –art infrastructure to strengthen the teaching-learningprocess.
- To enhance research culture amongst the faculty and students and to promote testingand consultancy.
- To strengthen the faculty / technical staff / administrative staff / supporting staff development activities.
- To implement governance and curricular reforms to enhance employability of the students.
- To strengthen industry institute interaction.
- To give greater impetus to produce man power for teaching, research, innovation to
- strengthen the existing PG programs and start new PG programs in the emerging areas of technology.
- Obtaining accreditation in all eligible UG / PG Programs.

Thus above institutional development proposal has the relevance and coherence with the Karnataka states Industrial/Economic Plan.

2.10 Describe Briefly the Participation of Departments/Faculty in the Proposal Preparation and Implementation.

Preparation of the proposal:

This proposal has been prepared with active participation of the faculty and staff of all the departments as detailed below;

An exhaustive SWOT analysis was carried out and objectives have been finalized through a common consensus of all the departments.

1. The departmental objectives have been fine-tuned in line with the institutional vision/mission/quality policy.
2. The departments have finalized their preferential areas for development of expertise in consultation with the faculty members so that the areas are in tune with the individual interest as well as departmental objectives.
3. Senior faculty have prepared a project report for starting new PG Programs.
4. The faculty development plans have been proposed by the departments based on the expertise needed
5. Training needs are proposed based on analysis carried out by all the departments/sections including administration

b) Implementation of the proposal:

The Implementation of the project will be through institutional TEQIP unit under which sub-units will work for major activities like academics, procurement, financial management, civil works, etc. The representation from all the departments will be ensured to head the sub units so that the there will be uniform participation from all the departments. By involving large number of technical staff, faculty and administrative staff a sense of participation is induced among all employees.

2.11 Describe the Institutional Project Implementation Arrangements.

Institutional Project Implementation Arrangements:

Programme Implementation:

The institution has formed TEQIP unit under the co-ordinatorship of Prof. Ranganatha Setty. For implementation and monitoring purpose various committeeshave been formed to take the responsibility and to ensure proper implementation of the Programme. A regular meeting/discussion schedule will be worked out for all groups for project implementation. Head of the Institution will review the progress on bi-monthly basis.

Committee Details:

Name of the chairman	Members	Name of the Project
Dr. Sanjay H.A Professor & Head, Dept of ISE	Prof.Kiran Aithal Dept of Mech Prof. Parthasarthy Dept of EEE Dr. Abdul Sattar Dept of PHY Dr. Pranesh Dept of Civil Dr. Prashanth Dept of ECe Dr.Thippeswamy	Implementation of academic excellence activities.
Dr. Sandya. Prof and Head Dept ECE	Prof. Srinivas.B. Dept of ISE Dr. Dinesh, HOD CSE Dr. Srilatha Rao HOD CHE Prof. Rajesh Dept of Mech Prof. Ananthaiah Dept of Civil	Faculty and staff development. The group involves in providing the service & monitoring in connection with development of the faculty & staff to upgrade their knowledge, skills & efficiency.
Dr. P. B. Shetty Prof. & Head Dept Mech	Prof. Rajesh.N. Dept of ECE Prof.Aruna Prabha Dept of EEE Dr. Sanju Dept of CSE Prof. Indira Dept of MATH Prof. Desai Gowda Dept of Mech Dr.Ismail Shek , HOD Aero	Procurement of goods

Prof. Mahaveera Swamy Prof. Dept ECE	Prof.Gangadar Dept of Lib Dr. Sanjay H A Dept of ISE Dr.P.B.Shetty Dept of Mech Dr. Ismail Dept of Aero Dr. Dinesh Anvekar Dept of CSE Dr. Ravikumar H.A Dept of EEE Dr. Sandhya Dept of ECE Dr. Indira Dept of MATH Prof. karunakar Rai Dr. S.L. Rao Dept of CHE Dr. Abdul Sattar Dept of Phy	Modernization and strengthening of libraries and increasing access to knowledge resources
Smt. BhanuRekha Reddy	Prof. Madhusudan Dept of Mech Prof. Shankar Dasiga Dept of ECE Prof.Srinivas Dept of Eng Prof.Prathibha Ballal Dept of CSE Prof.Adithya Sastry Dept of ISE Mr. Mahendra Dept of Aero	Enhanced Interaction with Industry
Prof.Ravi Kumar H R Prof. & Head Dept EEE	Prof.Vijaya Shetty Dept of CSE Prof.Veda Dept of ECE	Institutional management capacity enhancement
Sri. Raja Shetty Internal Auditor, NMIT	Prof. Sowmya Dept of ECE Prof.Kavitha Sooda Dept of CSE Prof.Kabadi Dept of Mech Prof.Chandrashekhar Dept of ISE	Ensuring improvements in financial practices

Additional Staff Required:

Purpose	Designation	Numbers
Staffs in clerical rank is required for maintaining records/ accounting / preparing report etc	clerk	02

Project Monitoring:

For project monitoring Institutional Project Monitoring Unit (IPMU) will monitor and keep record of activities planned ,in process activityand activities conducted.Coordinator of each activity will be asked to give month wise working schedule of proposed targets under heads of finances / management / Research / lab setting etc.

Performance Audit:

a) Half yearly report will be prepared on basis of progress of work done by different sub – committees. Monitoring will be on monthly basis for the schedules proposed for different activities

b) Report on implementation of institutional reforms will be prepared once in six monthsfor academic,administrative and financial activities

c)PerformanceIndicators will be assessed properly for education, training, services.

2.12 Provide an Institutional Budget.

Table29: Institutional budget:

Activities	Category of expenditure (Head of expenditure)	Sub Activity	Total Expenditure Till 31-03-2015 (In Rs)	Action Plan from 1-04-2015 to 31-09-2016 (In Rs)
(1)	(3)	(4)	(5)	(6)
Provide Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering disipilines	Assistantships	Expenditure on Masters students enrolled with TEQIP teaching assistantship	3376000	3800000
		Expenditure on PhD Students enrolled with TEQIP research assistantship		-
		Others. (Specify if Material)		
Procurement of Goods (equipment, furniture, books LRs, software and minor items) and civil works for improvement in teaching, training and learning facilities	Procurement	Expenditure on Library i.e. books, e-books, journals, e-journals course specific softwares	11425081	11000000
Enhancement of R & D and institutional consultancy activities except in the case of Private Unaided Institutions under S.C. 1.1	R&D	Expenditure incurred on Research projects taken by UG/ PG students, Expenditure incured on research publications in engineering in refered journals, Expenditure on Organising Conferences for R & D Topics, Expenditure on Patenting of Research Products	1293981	1000000
Faculty and staff development for improved competence	FSD	Expenditure on Faculty with B Tech enrolled for M Tech against total B Tech faculty		100000
		Expenditure on Faculty with M Tech enrolled for PhD in engineering against total M Tech faculty		200000
		Expenditure on faculty members attended training in subject domain	384417	500000
		Expenditure on faculty members attended pedagogical training	77213	500000
		Expenditure on organising inhouse subject area training Programs/ Workshops/ seminars / continuing education programs.	3171682	3000000

		Expenditure on participation by faculty in Seminar/ Confrences/ workshop etc.	3114479	1500000
		Expenditure on staff development	30984	500000
		Others. (Specify if Material)		
	Total		6778775	6300000
Enhanced interaction with Industry	I-I-I- Cells	Expenditure on academic Programs i.e. MTech/PhD etc. with industry		
		Expenditure on short term programs with industry		500000
		Expenditure on academic networking with other institutions		
		Expenditure incurred on Campus placements (UG & PG)	996510	1000000
		Expenditure on UG Students attended industrial internship		
		Others. (Specify if Material)		
	Total		996510	1500000
Institutional Management Capacity enhancement	Capacity development	Expenditure on Sr. Officials & Sr. faculty attended management development training	1217941	1200000
		Others. (Specify if Material)		
Implementation of Institutional academic reforms	Reforms	Expenditure on accredation fee for NBA	1566740	1500000
		Expenditure incurred on Autonomous Institution status concurred by UGC		
		Expenditure on Curricula revision/restructuring	848946	500000
		Others. (Specify if Material)		
	Total		2415686	2000000
Academic support for weak students	Student support	Expenditure on students transition from first year to second year of UG Programs (clearing all subjects /courses of 1st year in first attempt)	359000	1200000
		Others. (Specify if Material)		
Incremental operating cost	IOC	Expenditure on organising inhouse subject area training Programs/ Workshops/ seminars / continuing education programs, Salaries ,TEQIP Meetings, BOG Meetings etc..	2908723	2000000
Grand Total			**30771697**	**30000000**

2.13 Provide the Targets Against the Deliverables Listed in Table-30.

Table30: Institutional Project Targets And Targets Achieved:

Sl.No	Deliverables	Baseline Data as on 2009-10	Targets to be achieved		Targets Achieved	Target till the end of the Project
			At the end of 2 years	By Project closing (Dec 2014)	As on Mar 2015	Oct 2016
1	Number of students registered for (a) Masters in Engineering Pgm (b) Doctoral	 36 6	 72 14	 108 21	 273 64	 321 80
2	Revenue from externally funded R&D projects and consultancies in total revenue (Rs. in lacs)	123.5 lacs	125lacs	140lacs	480Lacs	600 Lacs
3	Number of publications in refereed journals (a) National (b) International	 5 30	 30 50	 36 60	 120+ 200+	 130+ 250+
4	IRG as % of total annual recurring Expenditure.	11.23%	20%	25%	14.6% (Funds from the sponsored project)	16%
5	Number of co-authored publications in refereed journals (a) National (b) International	 2 10	 4 20	 7 30	 20 28	 24 32
6	Student credentials (a) campus placement rate of • UG students • PG students (b) average salary of placement package for (Rs. in lacs) • UG students • PG students	 65% 80% 3.0 3.0	 75% 80% 3.5 4.0	 80% 85% 4.0 4.5	 90% 70% 3.8 4.0	 92% 75% 4.0 4.1
7	Number of collaborative programmes with industry	10	15	20	20	25
8	Accreditation status obtained/Applied.	80% (UG)	80 (UG+PG)	100	55.5%	100%
9	Vacancy position for faculty and staff	Zero	Zero	zero	zero	Zero
10	Percentage of regular faculty having a Master degree Or Doctorate degree in engineering	67.6%	Will be increased by 20% Will be increased by	Will be increased by 40% Will be increased by	84.29% 13.99%	95% 15%

	disciplines		10%	20%		
11	Transit rate from 1st to 2nd year for the following : • All Students • SC & ST Students • OBC Students • Women Students	94.3% 88% 100% 95%	95% 95% 100 100%	100% 100% 100% 100%	89% 90% 91% 95%	90% 90% 90% 95%
12	Autonomy status	Autonomy obtained	Already Autonomous	Already Autonomous	Already Autonomous	Already Autonomous
13	Enrollment of faculty with only Bachelor degree for qualification up gradation	10	10	15	04	NIL
14	Any other academic deliverables (maximum 3)					
i	Commercialization research output/patent	----------	02	04	Patents Obtained-2 Applied For Patents- 6 NMIT	Additional 4 Patents
ii	Creation of centers of excellence in space research, Robotics, CFT	----------	1	2	5 Multidisciplinary Research Centers- 1.Centre For Small Satellite Research 2.Centre For Robotics Research 3.Centre For Computational Fluid Dynamics 4.Centre For Nanomaterials and MEMS 5.Centre for Design Engg and Process Simulation	Center for Big Data
iii	International exchange programmes with universities in USA/UK/Japan	----------	1	2	2	1

2.14 Indicate the Action Plan to Ensure that the Project Activities would be Sustained After the End of the Project.

The institutions have to ensure that the gains made under the Program (higher standards/levels reached in core activities of the institution) would be sustainedeven after the completion of the project.

The gains that institution is expected to make are:

- Excellence in academic activities in areas such as postgraduate education, doctoral programs, faculty research, R&D and consultancy services, academic reforms, interaction with industry etc.
- Improved institutional management practices through administrative reforms and efficient financialmanagement,etc.
- Effective exercise of autonomy, etc.
- Continued utilization of facultyrecruited under the project.
- Continued to maintain Four funds created under different heads.
- Teaching and Research Assistantships to continue.
  - Revenue generation through
    - Consultancy
    - Training program
    - Running certificate / diploma courses
    - Commercialization of the outcomes of the projects
    - Funded Research projects
  - By obtaining patents for the project completed in the department.
  - The practice of executing the funded project to continue effectively.
  - Publishing papers in the National and International Conferences/journals.
  - Sustaining student / faculty interest and involvement in R&D activities.
  - The domain expertise acquired during the project (starting from inception to execution) is utilized for consultancy work/generation of funds.
  - To identify the industries working in the same domain and to have MOU's with them.
  - Training and workshop programs will be conducted in the specific domain areas.
  - Diploma and PG Courses may be proposed as per the specialization of the existing domains.
  - To get research oriented projects from the external agencies
  - Consultancy and R&D activity
  - Innovations
  - Patents
  - Commercialization of R&D outcome.
  - Procuring projects from different funding agencies.

2.15 Provide Procurement Plan for the remaning 18 Months for Goods / Civil Works in Table-4 and Consultancy Services Including Pedagogical Training in Table-5 with Budget and Timeframe.

Table-31 :18- MONTHS PROCUREMENT PLAN FOR WORKS/ GOODS* FOR SUB-COMPONENT 1.1

Name of the institution with location: Nitte Meenakshi Institute of Technology Bangalore -64

Package No	SL No.	Description of Work/goods	Estimated Cost (Rs) in Lakhs	Methods of procurement	Design/ Investigation completed/ Specification	Estimate Sanctioned (Date and Value)	Preparation of Bid Document (Date)	*Bank's No bjection To Bidding Document (Date)***	Bids		Contract Award (Date/ Value)	Date of completion of Contract
									Invitation (Date)	Opening (Date)		
1	2	3	4	5	6	7	8	9	10	11	12	13
DEPT OF CS& ENGG												
	1	IBM Rational suites (30 licenses)	3.5	DC	25/10/15	27/10/15	29/10/15		16/11/15	23/11/15	30/11/16	28/12/15
	2	NET/VISUAL STUDIO, Adobe	2	DC	25/08/15	27/08/15	30/08/15		01/09/15	08/09/15	15/09/15	20/10/15
	3	Network software, Netsim	4	DC	25/08/15	27/08/15	30/08/15		15/10/15	22/10/15	29/10/15	30/11/15
	4	Hardware Components(CRO, Signal Generators, Ardino Boards, Training boards and other components), Network Hardware *	3.5	DC	25/08/15	27/08/15	30/08/15		01/10/15	08/10/15	15/10/16	19/11/15
	5	Upgrading Existing Machines And UPS (10 KVA)	5	DC	25/10/15	2/11/15	10/11/15		15/11/15	30/11/15	5/12/16	2/1/17
	6	High-end machines for Big Data*	10	DC	25/10/15	2/11/15	10/11/15		15/11/15	30/11/15	5/12/16	2/1/17

	7	Design Cost Software	05	DC	25/10/15	2/11/15	10/11/15		15/11/15	30/11/15	5/12/16	2/1/17
DEPT OF MECHANICAL ENGG												
	8	ANSYS Software	10		01/08/15		07/08/15		14/08/15	21/8/15	28/8/15	18/09/15
	9	STAR CCM+	10		01/12/15		07/12/15		04/01/16	11/01/16	18/1/16	22/02/16
	10	Design Cost Software	05		01/08/15		07/08/15		08/02/16	15/02/16	22/2/16	23/03/16
	11	Journals	01		01/08/15		07/08/15		01/03/16	08/03/16	15/3/16	12/04/15
DEPT OF ELECTRONICS & COMMUNICATION ENGG												
	12	Up-gradation of Cadence s/w from Acedamic to research suite: Analog & Digital FE &BE to Research Bundle-20 license	19	DC	25/07/15	27/07/15	30/07/15		07/08/15	15/08/15	22/08/15	26/9/16
	13	Cognitive Wireless Communication Software Defined Radio Lab SDR04: (Amitec-IITD JV make) Consisting of 2 Transceivers + 2 Mobile Workstations/Laptops + 4 Antennas + 4 Cables + Software + Experiment's manual - 01 Nos	8.2	DC	25/09/15	27/07/15	30/07/15		03/10/15	10/10/15	17/10/15	21/11/15
	14	Xilinx Xpower analyzer and System Generator- 01 Nos *	0.6	DC	25/10/15	27/10/15	30/11/15		02/11/15	09/11/15	16/11/15	14/12/15

	15	Avnet Kintex-7 FPGA DSP Kit **-01 Nos ***	2.2	DC	25/10/15	2/11/15	10/11/15		04/01/16	11/01/16	18/01/16	22/02/16
	16	cortex M3 Evaluation Boards*	0.25	DC	05/02/16	07/02/16	10/02/16		15/03/16	22/03/16	29/03/16	19/04/16
	17	Spartan 3 Education Board *	0.08	DC	05/02/16	07/02/16	10/02/16		12/04/16	19/04/16	26/04/16	31/05/16
	18	Intellisuite - Research for sensors *	8.85	DC	05/04/16	08/04/16	10/04/16		05/05/16	12/05/16	19/05/16	16/06/16
	ELECTRICAL AND ELECTRONICS ENGINEERING											
	19	ADVANCED DSP S/W	4	DC	25/10/15	2/11/15	10/11/15		16/11/15	23/11/15	30/11/16	28/12/15
	20	Machine design S/W	1.5	DC	25/08/15	27/08/15	30/08/15		15/10/15	22/10/15	29/10/15	30/11/15
	21	Simpulation S/W for Renewable Energy	3	DC	25/08/15	27/08/15	30/08/15		01/10/15	08/10/15	15/10/16	19/11/15
	22	ADVANCED DSP S/W	4	DC	01/08/15		07/08/15		14/08/15	21/8/15	28/8/15	18/09/15
	LIBRARAY											
	23	Library Books	8	SP	10/07/2015	24/07/2015	04/08/2015		14/08/15	29/8/15	07/9/15	07/10/15
	24	Science Direct and IEEE E-Journals	20	SP	10/07/2015	24/07/2015	04/08/2015		16/11/15	04/12/15	12/12/16	14/01/15
	INFORMATIONA SCIENCE & ENGG											
	25	Windows Update	3.5	DC	25/10/15	2/11/15	10/11/15		15/11/15	30/11/15	5/12/16	2/1/16
	Grand Total		**Rs. 143 Lakhs**									

(* If approved for private unaided institutions)

TIME FRAME:

EQUIPMENTS	PROJECT MONTHS AND PROCUREMENTS PLAN
	2 4 6 8 10 12 14 16 18
IBM Rational suites (30 licenses)	
NET/VISUAL STUDIO, Adobe	
Network software, Netsim	
Hardware Components(CRO, Signal Generators, Ardino Boards, Training boards and other components), Network Hardware	
ANSYS Software	
STAR CCM+	
Design Cost Software	
Journals	
Up-gradation of Cadence s/w from Acedamic to research suite: Analog & Digital FE &BE to Research Bundle-20 license	
Cognitive Wireless Communication Software Defined Radio Lab SDR04: (Amitec-IITD JV make) Consisting of 2 Transceivers + 2 Mobile Workstations/Laptops + 4 Antennas + 4 Cables + Software + Experiment's manual - 01 Nos	
Xilinx Xpower analyzer and System Generator- 01 Nos	
Avnet Kintex-7 FPGA DSP Kit -01 Nos	
cortex M3 Evaluation Boards	
Spartan 3 Education Board	
Intellisuite - Research for sensors	
ADVANCED DSP lab	
Project & RD lab	
Machine design lab	
Non conventional energy lab	
Project & RD lab	
Library Books	
Science Direct and IEEE E-journals	
Windows Update	
Upgrading Existing Machines And UPS (10 KVA)	
High-end machines for Big Data	
Design Cost Software	

Table-32: 18 MONTHS PROCUREMENT PLAN FOR CONSULTANCY SERVICES FOR SUB COMPONENT1.1

Not Planned To Procure Any Consultancy Services

2.16. Provide Any Other Information Related to Special Academic achievements as Given in Eligibility Proposal of the Institution.

SPECIAL ACADEMIC ACHIEVEMENTS

1. Board of Governors includes distinguished Academicians including former Vice Chancellors/ Eminent Scientists / leading Industrialists / Directors of R &D Labs.
2. Has a strong Academic Council-Comprising of leading Academicians, Scientists from Research Labs and Industrial experts in different disciplines and senior faculty members. (Annexure: 06)
3. Periodic meetings of Boards of Studies with members from premier academic institutions, Industrial experts and senior teaching faculty leading to improve curricula/ syllabi / teaching –learning processes.
4. An Autonomous Institution Affiliated to Visvesvaraya Technological University, Belgaum and approved by Govt. of Karnataka after obtaining concurrence from UGC.
5. National Board of Accreditation has awarded Teir-1 Accreditation status to following eligible UG programmes -.Computer Science and Engineering, Electronics and Communication Engineering , Electrical and Electronics Engineering and Information Science & Engineering
6. NMIT is Accredited by National Assessment and Accreditation Council (NAAC) for the period of 5 Years from 2014-15
7. NMIT has Several Sponsored research Projects amounting to Rs. 5.5 Crores sanctioned by different reputed National Funding Agencies such as DST, DIT, AICTE, DRDO, VGST, IEEE, VTU etc. (Annexure: 07)
8. Unique Institution which has established five Multi-Disciplinary Research Centres viz Center for Small Satellite Research, Center for Robotics Research, Center for Nanomaterial & MEMS, Center for Computational Fluid Dynamics and Center for Design Engineering & Process Simulation.
9. College has a unique Scheme of Deputing UG Students to Industry/R&D Organizations/IISc/IITs/NID for a minimum period of 6 weeks internship with academic credits
10. Strong Industry-Institution Interaction which resulted in placement of 90% of the eligible students.
11. The institution is actively involved in R&D in the frontier/cutting edge/multidisciplinary areas of Engineering and Science.
12. Eight Departments are recognized as Research Centres by VTU / Mysore University

13. Innovation and Entrepreneurship Development Cell (DST) and Business Incubator (MSME) are Established to encourage the entrepreneurship among the students
14. First time in India, UG students from a Consortium of Seven prominent Engineering colleges with NMIT as a lead college have successfully built India's first Pico Satellite "STUDSAT" which was launched through ISRO's PSLV-C15 vehicle on 12th July 2010 from Sriharikota. STUDSAT team has created a National Record by entering into LIMCA BOOK of RECORDS 2011 Edition.
15. Pick & Place Robot was designed & Developed by the NMIT students funded by IEEE USA & DRDO. The robot is kept as a permanent exhibit in Birla Science Center, Hyderabad
16. NMIT is working on India's first Twin-Satellite Project in association with ISRO and 6 other colleges in developing and launching Twin Satellites simultaneously communicating with each other.
17. Research Collaborations with North Dakota State University-USA, Indo-Korean Institute of Science & Technology, Indian Institute of Science, NITK, Fluidyne etc
18. Opportunities for UG and PG students to participate in research projects in the areas of Satellite/Robotics/ Image & Video Processing /CFD/ Nano Technology/MEMS/Design Engineering and Process Simulation / Cloud Computing , etc., which has resulted in publications in International Conferences/Journals, Patents and Awards.
19. NMIT students Participated in prestigious International/ National Project competitions, winning numerous awards. They include Formula Hybrid Competition, World's Largest Robot Competition ROBOGAMES, Indo-US Robo League, Unisys Cloud 20/20 V5, TCS TechBytes, IEEE All India Student Project Contest, International case competition -Go Green in the City, etc.
20. Publishing" Anusandhana"- Biannual Peer reviewed Journal of Science, Engineering and Management.
21. NMIT has signed MOUs with FKCCI Bangalore, NDRF Bangalore, KPIT Pune, ISRO, MSME Govt. of India,CMTI Bangalore, PURDUE Next USA, North Dakota State University(NDSU) USA,(Refer Annexure-8)