

NMAM INSTITUTE OF TECHNOLOGY, NITTE

TEQIP Phase – II

A BRIEF REVIEW

by

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(TEQIP Coordinator)

Objectives

i) Strengthening institution to produce high quality Engineers for better employability.

ii) Scaling up PG Education and Demand – Driven Research & Development and Innovation.

iii) Establishing Centre's of Excellence for focused applicable research.

iv) Training of faculty for effective Teaching.

v) Enhancing institutional and system management effectiveness.



Date of MoU Signed: 20.06.2011
Project Period: 2012 – 2017



Project Life allocation Rs 4.0 Crore



Additional Fund : Rs. 1.00 Crores



**Release of I installment: 31.12.2012
-1.0 Crores**



**Release of II installment: 22.02.2014 ---2.0 Crores
Release of III Installment : 28.10.2015 ---Rs. 20.0
Lakhs
Release of additional grant : 03.09.2016...Rs. 70.0
Lakhs**



Institution Contribution : Rs. 110.0 Lakhs



Project Life Allocation : 5.00 Crors

4+ 1 Crors (Additional Fund)

Amount Released by MHRD :

Rs. 4+1 = 5.00 Crores

In 4.00 Crores (50 %+30% +20 %)

Centre Rs. Rs 2.00 Crores

State : Rs. 1.20 Crores

Institute : 0.80 Crores

In Rs.1.00 Crores (50 %+20 %+30 %)

Centre : 0.5 Crores

State : 0.20 Crores

Institution : Rs. 0.30 Crores



Actual Contribution

by Centre Rs. : 2.50 Crores

By State: Rs. : 1.40 Crores

By Institution Rs. : 1.10 Crores

Fund Allocation under Different Heads

| Sl. No | Heads | % age allocation | Allocation of Funds (Project Period) |
|--------------|---|------------------|---|
| 1. | <i>Assistantship</i> | 25 | 125 Lakhs |
| 2. | <i>Research & Development</i> | 5 | 25 Lakhs |
| 3. | <i>Faculty & Staff Development</i> | 18 | 90 Lakhs |
| 4. | <i>Industry-Institution-Interaction</i> | 3 | 15 Lakhs |
| 5. | <i>Capacity development</i> | 3 | 15 Lakhs |
| 6. | <i>Institutional reforms</i> | 10 | 50 Lakhs |
| 7. | <i>Academic support for weak students</i> | 2 | 10 Lakhs |
| 8. | <i>Incremental Operating Cost</i> | 4 | 20 Lakhs |
| 9. | <i>Procurement</i> | 25 | 125 Lakhs |
| TOTAL | | 100 | 500 Lakhs |

| MONTHLY FINANCIAL MANAGEMENT REPORT | | | | | |
|--|--------------------------------|---|---|--------------------------------|--|
| SUB -COMPONENT 1.2 | | | | | |
| N.M.A.M INSTITUTE OF TECHNOLOGY,NITTE-574110(PRIVATE UNAIDED INSTITUTIONS) | | | | | |
| FOR THE MONTH OF March.2017 | | | | | |
| NAME OF THE CFI/STATE : KARNATAKA | | | | | |
| Activities | Total Funds received till date | Category of expenditure (Head of expenditure) | Cumulative Exp.upto previous month of reporting since inception | Exp.during the reporting month | Total Cumulative Expenditure upto reporting month(4+5) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Improvement in teaching, training and learning facilities | | Procurement | 11884216.250 | 735763.25 | 12619979.500 |
| Providing Teaching and Research Assistantships for significantly increasing enrolment in existing and new Masters and Doctoral programmes in Engineering Disciplines | | Assistantships | 12768300.00 | 1278000.00 | 14046300.00 |
| Enhancement of R&D and institutional consultancy activities | | R&D | 2948196.76 | 9395.00 | 29575912.76 |
| Faculty & Staff development for improved competence | | FSD | 8663194.22 | 50874.710 | 9171948.00 |
| Enhance interaction with industry | | I-I-I Cells | 1444457.00 | 0.00 | 1444457.00 |
| Institutional Management Capacity enhancement | | Capacity Development | 1513887.00 | 0.00 | 1513887.00 |
| Implementation of Institutional academic reforms | | Reform | 5380296.25 | 1437975.00 | 68182721.25 |
| Academic support for weak students | | Student Support | 1099247.00 | 12000.00 | 1109447.00 |
| Incremental Operating Cost | | IOC | 1322241.00 | 0.00 | 1322241.00 |
| TOTAL | 6,00,00,000.00 | | 47024035.48 | 3980087.44 | 51004123.44 |

Certified that : The information mentioned above is as per books of accounts of implementing entities.

Key Performance Indicator

| Sl. No. | Performance Indicator | Achievement as on 30/03/2017 |
|---------|-------------------------------------|--|
| 1 | Starting of new PG programs | Four M. Tech programs |
| 2 | Increase in intake | Intake of 1 UG & 1 PG program was enhanced |
| 3 | Up gradation of qualification | 26 – Awarded Ph. D. 126– Pursuing Ph. D. |
| 4 | Percentage of M. Tech qualification | 100% |
| 5 | PG assistantship | 23 (2012-13) 51(2013-14) 71 (2015-16) 94 (2016-17) |
| 6 | Research assistantship | Full fee assistantship to 2 Ph. D scholars |
| 7 | FDP programs | 2012- 18 2013- 38 2014- 39 2015-56 2016- 62 2017 : 58 |

Key Performance Indicator(Contd.)

| SI. No. | Performance Indicator | Achievement as on 30/03/2017 |
|---------|---|---|
| 8 | No. of faculty members attended workshops/conferences | 300+ |
| 9 | Funded research projects | Of worth more than Rs. 2.5 Crores |
| 10 | Research incentives | Best researcher award, research incentives based on certain parameters. Seed money for researchers |
| 11 | Journal publication | No. 150+ |
| 12 | Research collaboration | 4 faculty members sent to Penn State University 2 faculty & 20 students sent to Reistumaken University Japan |
| 13 | Student Transition rate | 81% |
| 14 | Industry-Institute-Interaction | 1) Has been enhanced 2) IBM specialization courses |

Key Performance Indicator(Contd.)

| Sl. No. | Performance Indicator | Achievement as on 30/03/2017 |
|---------|---------------------------------------|--|
| 15 | Industry internship | All PG students & Every year more than 100 UG students |
| 16 | Student exchange program | 3 UG student – National University, Singapore 12 PG student Ritsumeikan University, Japan |
| 17 | MoU with industries | Active MoU with leading industries |
| 18 | BOG Meetings | Regular BOG meetings as per the plan |
| 19 | Management capacity building programs | For BOG members and all faculty members |
| 20 | Updation of TEQIP program | TEQIP news letter (Half yearly) covering all the activities |

Key Performance Indicator(Contd.)


| Sl. No. | Performance Indicator | Achievement as on 30/03/2017 |
|---------|-----------------------|--|
| 21 | Academic Reforms | <ol style="list-style-type: none">1) Regular BOS & BOE meeting2) Increase in the total no. of electives3) Industry specified open electives4) Involvement of industry peoples in handling the subjects5) Special coaching classes for academically weaker students |


Key Performance Indicator(Contd.)


| SI. No. | Performance Indicator | Achievement as on 30/03/2017 |
|---------|-----------------------|--|
| | Academic Reforms | <ul style="list-style-type: none">6) Audit Courses during summer vacation (45 Audit course in last three years)7) Introduction of subject "Biology for Engineers" in I semester8) Introduction of subject "Enhancing Self Competence" by Humanity department for 2nd year level.9) Introduction of subject "Employability Skills Development" for 3rd Year level.10) Introduction of ESC for PG students also from 2016-17 |

Remarkable achievements made & Best practices adopted till date

- ❖ Contents of Engineering Workshop of 1st year BE has been changed thoroughly by including laboratory experiments related to "basic electrical wiring", "carpentry", "sheet metal work", "demo. of CNC", "demo. of Automotive mechanics" along with "fitting" - from the academic year 2014-15. These changes have been made looking at Project EPICS of Purdue University. We are planning to bring in the component of Community orientation in this subject from next academic year
- ❖ The subject "Biology for Engineers" introduced to I year with credits from 2016-17
- ❖ Soft skill inputs through "Individual Effectiveness laboratory" and "Immersive Group workshop" subjects - introduced as mandatory credit based subjects in 2nd and 3rd year from 2008-09.
- ❖ The "Employability skill development" subject is introduced to 5th and 6th semester of all the branches from the year 2014-15.
- ❖ Audit courses are being offered during the summer vacation (2014-15). In this summer vacation total 12 Audit courses are offered.

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- Add-on courses are being offered in various departments to students and other personnel desirous of taking such programs. Courses such as advanced Java, MS Dot Net, CNC training, AUTOCAD, CATIA, topics on Corrosion Control, Advanced Surveying Practices, Analytical Methods etc. are being offered for skill up-gradation
 - Fully laboratory oriented elective subject titled “**Mobile application development**” is being offered from 2010
 - 18 open electives are offered in total by all the departments in the 8th semester from 2010-11
 - Starting from 2013-14, BE(CSE) students are being offered two streams of electives i.e., “**Cloud Computing**” and “**Business Analytics**”. Each stream has about 8 subjects. Electives start from 3rd sem. itself (unlike in other cases where they start in 5th semester). These are offered as per the MoU signed between the college and IBM(India)

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- **Separate examination cell** with CoE to conduct examinations
 - Centralized examination system both for tests and semester end examination.
 - Separate examination section with fully fledged valuation centre **with CCTV**.
 - Examination being conducted as per academic calendar.
 - **100% maintenance of secrecy and confidentiality** in examination

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- **Environmental Management Programme:** The Institution initiated number of Environmental consciousness Projects such as Water Harvesting, Sewage Treatment Unit, Solid Waste Management etc. and involved in creating the Environmental Awareness by starting of **Green cell Activities**.

Green cell has been established to create the Environment Awareness. The Committee Member of the Green cell meet once in 15 days to discuss Environmental issues.

- In association with Govt. of Karnataka, the Institute has established **Biodiesel demonstration and manufacturing plant**
- Institution has developed “**Strategic Development Plan Document**” and “**Strategic Development Implementation Plan Document**” for the period 2014-2020 by involving all Senior faculty members and TEQIP Mentor. Copy has been submitted to NPIU, which has been well appreciated

Progress and Achievements made till date

- **Pedagogical Training**
8 Completed (90% faculty)
- Deputing Faculty to **Workshops/Conferences and SDP** based on Training need analysis
- **International Conference**
From 2012 to 2017 the Institution has organized 16 International Conferences.
- During the Project period 4 PG Students are deputed to **Ritsumeikan University, Japan** to do their project work. 4 student from Biotechnology was deputed to **National University Singapore** for the Internship programme. One batch (10) of students from **Ritsumeikan University, Japan** visited our Institution under SAKURA Exchange programme. 2 batches (10 each) of our students visited **Ritsumeikan University, Japan** under SAKURA Exchange programme.



Research Papers at National and International levels

1. Institution is encouraging faculty as well as the Students to publish the Research Papers in National and International Conferences.

2. Number of Papers published at National Conferences.

2012: 12 2013:14 2014:26 2015: 20 2016 : 28 2017: 11

3. Number of Papers published at International Conferences.

2012:40 2013:52 2014:68 2015 : 38 2016: 54 2017 : 65

4. Total number of Conference/Workshop/Seminar/Training attended:

2012-13:52 2013-14:65 2014-15:76 2015 : 2016 :136 2017 : 109



Progress and Achievements made till date

- **The Research Labs** of the Institution are updated with advanced software like, Statease Design Expert software, PSIM Pro-power Electronics software, Altair Hyper works Software, VIRTEX 4 with XYlink software, Language Lab software etc.
- **SDP/Workshop and Conferences:** (100+)
For the benefit of the faculty members of our Institutions as well as other Institutions.
- The Institution also initiated **Faculty Exchange Programme** and during the Project period 5 of our faculty members, from the Department of Biotechnology and Mechanical visited PennState University, Harrisburg, USA.



Progress and Achievements made till date

- Students are encouraged to present the Technical Papers in the conferences, given financial support through TEQIP II. One batch of our student are associated with **ISRO Satellite Launching project STUDSAT 2**.
- Post Graduate M.Tech students including all SC/ST student are given the **Scholarships** through TEQIP fund and thus encouraging them in further Research Activities.
- In association with DIC ,Bangalore started Suvarna Kayaka Kowshalabhivridhi Yojane to cater the need of trained graduates.
- Started Incubation Centre in association with KBITS
- Centre for Student Innovation (CSFI) is established to encourage students to involve in society oriented projects.

List of In-house Training Programmes Conducted

| Sl. No. | Dept. | Title of the program | Date |
|---------|-----------------|--|--|
| 1 | CSE | Workshop on "Advancement in Big Data Analytics and Hadoop" | 2 nd April 2015 |
| 2 | EEE | National Conference on Advances in Electrical Engineering (NCAEE 2015) | 2 nd April 2015 |
| 3 | NMAMIT , Nitte | Gluster Conference | 11 th April 2015 |
| 4 | Mathematics | Workshop on "Transform Techniques And Matlab Applications" | 16 th & 17 th April 2015 |
| 5 | Mechanical Engg | 1 day Workshop on Faculty Conclave | 6 th May 2015 |
| 6 | NMAMIT , Nitte | NMReCon -2015 | 7 th May 2015 |
| 7 | ISE | International Conference on ICETE | 8 th & 9 th May 2015 |
| 8 | NMAMIT , Nitte | 3 Day Training Programme on LATEX | 14 to 16 July 2015 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|------------------------|---|--|
| 9 | Placement and Training | Workshop on Introduction to Therapeutic Counseling for Engineering Teachers | 13 to 16 July 2015 |
| 10 | CSE | Soft Computing Paradigm and its Applications | 27 th to 29 th July 2015 |
| 11 | Placement and Training | Orientation Day Programme for 1 st year Students | 4 th August 2015 |
| 12 | CSE | C programming-based event "D Bug C" | 15 th August 2015 |
| 13 | Placement and Training | Orientation Day Programme for Lateral Entry Students | 31 st August 2015 |
| 14 | NMAMIT, Nitte | Familiarization Programme for Ist Year students | 3 rd August 2015 |
| 15 | NMAMIT, Nitte | 3 Day Workshop on "Research Methodology and LATEX" | 2 nd to 4 th September 2015 |
| 16 | ISE | Deep Dive Faculty Enablement Programme on "Mobile Application Development using Android and PhoneGap" | 7 th to 11 th September 2015 |
| 17 | CSE | C programming-based event "D Bug C" | 15 th August 2015 |
| 18 | ISE | Hands-on Workshop on Web Automation using Ruby | 19 th & 20 th September 2015 |
| 19 | ISE & CS | "IoT Hands on workshop" under the CSI Student branch, | 28 th September |
| 20 | ISE | "Python Workshop" | 3 rd & 4 th /10/2015 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|--|--|---|
| 21 | Mechanical (conducted by 3 rd year students) | Workshop on IC Engines in association with AIMS | 3 rd & 4 th October 2015 |
| 22 | CSE | A quizzing and coding event "Game of Codes" | 12 TH October 2015 |
| 23 | " | Talk on 'Higher Education Abroad' | 9 th October 2015. |
| 24 | ISE (Under ACM Student Chapter) | Two Day "National Level NS3 Workshop" | 19 th & 20 th October 2015 |
| 25 | Placement and Training | Faculty Development Workshop | 19 th & 20 th October 2015 |
| 26 | Civil Engg. Department and Udupi Nirmithi Kendra | 3 – Day Short Term Technical Training Programme for "Engineers of Udupi Nirmithi Kendra, District Urban Development Cell and Endowment Department" | 19 th to 21 st October 2015 |
| 27 | Mechanical (conducted by 3 rd year students) | Workshop on IC Engines in association with AIMS | 3 rd & 4 th October 2015 |
| 28 | CSE | A quizzing and coding event "Game of Codes" | 12 TH October 2015 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|-------------------------------|---|-------------------------------|
| 29 | ISE | "National Level NS3 Workshop" | 19-20 October 2015 |
| 30 | NMAMIT Nitte | Faculty Development Workshop | 19 October 2015 |
| 31 | NMAMIT Nitte | Government of Karnataka-ITBT sponsored workshop on "Electronic System Design and Manufacturing (ESDM)" | 31 October 2015 |
| 32 | CSE and CSI Bangalore Chapter | 2-Day Workshop on "Electronic System Design and Manufacturing (ESDM)" Sponsored by Government of Karnataka-ITBT & Consortium of Electronic Industries of Karnataka | 31 st October 2015 |
| 33 | NMAMIT Nitte | MSME Business Incubation Centre Sponsored by Development Commissioner, Ministry of Micro, Small & Medium Enterprises, Govt. of India | 3 rd November 2015 |
| 34 | NMAMIT Nitte | State level "HACKATHON – 2015" | 4 th November 2015 |
| 35 | NMAIT Nitte | "Investors Education Awareness" conducted by Knowise Learning Academy, Bangalore, SCBI | 5 th November 2015 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|--|--|---|
| 45 | ISE | iGearup Workshop in association with Infosys DC, Mangalore (For students of CSE,ISE,CIVIL & BT)) | 1 st & 2 nd February 2016 |
| 46 | IEI Students' Chapter, NMAMIT | Technical Talk by Dr. Ganapathi Mayya ,Retired Professor from NITK ,Surathkal on "YETHINAHOLE PROJECT | 12 th February 2016 |
| 47 | MCA | Responsive Web Applications | 4 th & 5 th February 2016 |
| 48 | IEI Students' Chapter, NMAMITNitte | One day State level Technical paper presentation and Project model exhibition | 5 th March 2016 |
| 49 | CSE | Software Testing Principles | 9 th March 2016 |
| 50 | CSE | Photoshop Workshop | 11 th March 2016 |
| 51 | CSE | National Conference on Emerging Computing Paradigms on | 11 th & 12 th March. 2016 |
| 52 | CSE | CODING CONTEST | 12 th March |
| 53 | MCA | Nitte Open Source Conference-2016 | 18 th & 19 th March 2016 |
| 54 | ACM Chapter, NMAMIT | Embedded Systems Workshop (For faculty members)) | 21 st & 23 rd March 2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|-------|---|---|
| 55 | CSE | Software Testing Principles | 9 th March 2016 |
| 56 | CSE | National Conference on Emerging Computing Paradigms on | 11 th & 12 th March. 2016 |
| 57 | CSE | Photoshop Workshop | 11 th March 2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|---|--|---|
| 58 | ACM Chapter, NMAMIT | “Emerging Trends in CS & IT” | 2 nd April, 2016 |
| 59 | ACM Chapter, NMAMIT | "Cloud Computing: From Security, Privacy to Forensic Challenges" on 4th April, | 4th April, 2016 |
| 60 | E&E | National Conference on Advances in Electrical Engineering (NCAEE-2016) | 11 th & 12 th April, 2016 |
| 61 | NMAMIT, Nitte | FAER-Zebra Technologies Corporation Technology Barrier Reduction Program(TBRP) | 18 th April to 6 th May, 2016 |
| 62 | Mechanical Engg. Dept | FDP on “Recent Developments in Measurement Science-2016 | 22 nd & 23 rd April, 2016 |
| 63 | NMAMIT, Nitte (EC) | International Conference on Emerging Trends in Engineering, ICETE-2016 | 12 th & 13 th May, 2016 |
| 64 | NMAMIT, Nitte Department of Placement & Councelling | Workshop on understanding Adolescent issues and introduction to Therapeutic Counselling for teachers in Higher Education | 17 th May to 20 th May 2016 |
| 65 | ACM Chapter, NMAMIT | “Emerging Trends in CS & IT” | 2 nd April, 2016 |
| 66 | ACM Chapter, NMAMIT | "Cloud Computing: From Security, Privacy to Forensic Challenges" on 4th April, | 4th April, 2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|---|---|--|
| 67 | E&E | National Conference on Advances in Electrical Engineering (NCAEE-2016) | 11 th to 12 th April 2016 |
| 68 | NMAMIT, Nitte | FAER-Zebra Technologies Corporation Technology Barrier Reduction Program(TBRP) | 18 th . April 2016 to 6 th May 2016 |
| 69 | Mechanical Engg. Dept | FDP on “Recent Developments in Measurement Science-2016 | 22 nd April 2016 to 23 rd April 2016 |
| 70 | NMAMIT, Nitte (EC) | International Conference on Emerging Trends in Engineering, ICETE-2016 | 12 th May 2016 to 13 th May 2016 |
| 71 | NMAMIT,Nitte Department of Placement & Councelling | Workshop on understanding Adolescent issues and introduction to Therapeutic Counselling for teachers in Higher Education (TEQIP)) | 17 th May 2016 to 20 th May 2016 |
| 72 | CS Department | FDP on “Programme Verification” | 18 th July 2016 |
| 73 | E&E Department | FDP on “Application of Lab VIEW TO Automation and Robotics” | 25 th July 2016 to 26 th July 2016 |
| 74 | NMAMIT, Nitte | FDP on “LATEX” | 25 th July 2016 to 27 th July 2016 |
| 75 | NMAMIT,Nitte Department of Placement & Councelling | Workshop on understanding Adolescent issues and introduction to Therapeutic Counselling for teachers in Higher Education (TEQIP)) | 17 th July 2016 to 20 th July 2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|-----------------------------------|---|--|
| 76 | Placement Department | FDP "Induction & Orientation " | 28 th July 2016 |
| 77 | Dept. of Mech | FDP ON "Structured Approach in Engineering Education Quality Enhancement' (TEQIP) | 29 th July 2016 to 30 th July 2016 |
| 78 | Dept. of CS (CSI Student Branch) | Workshop on Development of APP in 4 minutes | 29 th August 2016 |
| 79 | NMAMIT, Nitte | Baseic Pedagogy Training Programme (TEQIP) | 7 th Sept. 2016 to 9 th Sept. 2016 |
| 80 | EDC, NMAMIT,Nitte | Students Entrepreneurship Summit | 10 th Sept. 2016 |
| 81 | CS | IOT Project Demo Workshop | 17th Sep. 2016 |
| 82 | Mech. | Technical Talk on : Clean Energy and Renewable Energy and Related Technology Advancements to Prevent Climate Change "by Prof. Shuichi Torii Professor department of Mechanical System Engineering, Kumamoto University, Japan | 30 th Aug. 2016 |
| 83 | CS | Workshop on " How to develop an App in 4 minutes" | 29 th Aug. 2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|-----------|---------------------------------|---|--|
| 84 | CS-ACM Women Chapter | Python Programming Workshop | 17 th September 2016 |
| 85 | ISEACM Chapter | Python Programming Workshop | 10 th September 2016 |
| 86 | NMAMIT,Nitte | One day workshop on “ISRO Satellite Remote Sensing and Web based Societal Applications” (TEQIP sponsored) | 29 th September 2016 |
| 87 | Civil ,OCEAN | One day workshop on “Concrete Mix Design” | 1 st October 2016 |
| 88 | EC ,Dept Students Association | “PCB Design and Soldering Practices” | 2 nd October 2016 |
| 89 | EDC,NMAMIT, | Entrepreneurship Awareness Camp for final year CS students | 7 th October 2016 |
| 90 | Dept. of Library, NMAMIT, Nitte | 4 days Library staff development programme (Training on Library Management software “KOHA”) | 12 th October 2016 |
| 91 | NMAMIT ,Infosys Campus Connect | Technical Talk by Mr. Anish Agarwal | 15 th October 2016 |
| 92 | NMAMIT, Nitte | Three Days Out Bound Learning Workshop On “Supervisory Leadership Development Programme” has been arranged for non teaching staff members of NMAMIT | 17 th October 2016 to 19 th October 2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|--------------------------------------|--|--|
| 93 | ACM-W student chapter ISE,NMAMIT. | “IEEE/ACM IT Curricula Development Standards” by Mr. Pranesh V Kallapur, Assistant Professor, (For Faculty members) | 15 th October 2016 |
| 94 | EE | 3 Day skill development program on “ Application of PSIM and Latex Software” | 19,20 & 24 th Oct. 2016 |
| 95 | NMAMIT, Nitte | One day workshop on “Writing Effective Project Proposal:” (For internal faculty members) | 24 th October 2016 |
| 96 | IS,NMAMIT,Nitte | FDP ON “Recent Trends in Information and Network Security” | 28 th Nov. to 2 nd Dec., 2016 |
| 97 | Dept. of IS | Five days FDP on “ Recent Trends in Information and Network Security” | 28 th Nov. to 2 nd Dec. 2016 |
| 98 | Dept. of E&C | Virtual Laboratory | 1 st & 2 nd Dec. ,2016 |
| 99 | Dept. of MCA | 5 days workshop on “ Research Aspects in Web Mining, Big Data Analytics, Image Processing, Web Services and IOT” | 5 th to 9 th Dec. 2016 |
| 100 | Dept. of CS | One day workshop on “ Data Analytics with R” | 15 TH Dec. 2016 |
| 101 | NMAMIT, Nitte | ISO Training | 19 th to 23 rd Dec.,2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|---------------|---|---|
| 102 | NMAMIT, Nitte | FDP on “ Instructional Design & Delivery “ in association with “ SEED”, Chennai | 26 th to 30 th Dec. ,2016 |
| 103 | EE | FDP on “ Embedded System Design based on ARM” | 19 th to 22 nd Dec. ,2016 |
| 104 | EE | Introduction to MATLAB and Simulink PSIM (For only Students) | 22 nd & 24 th Dec. ,2016 |
| 105 | EE | Light Planning using Relux (For only Students) | 26 th & 27 th Dec. ,2016 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|----------------------|--|--|
| 1 | Dept. of Mech | FDP on “ Theoretical and Computational Mechanics” | 19 th to 21 st Jan. 2017 |
| 2 | Dept. of Mech | FDP on Practical Durability Assessment of Automotive Structures and Welding Design” | 23 rd & 24 th Dec. 2016 |
| 3 | Dept. of BT | 3 day National Level FDP on “ Optimization Techniques using Design Expert” | 23 rd to 25 th Jan. 2017 |
| 4 | Dept. of Civil Engg. | 2 day National Level Workshop on “ Practical Approach to Recent Developments in Civil Engineering and Sustainable development” | 12 th & 13 th Jan. 2017 |
| 5 | Dept. of CS | 3 Days workshop on “ Recent Trends in Multimedia Computing and Security” | 18 th to 20 th Jan. 2017 |
| 6 | Dept. of SC | 3 day workshop on “ Recent Advances in Artificial Intelligence and Natural Language Processing” | 23 rd to 25 th Feb. 2017 |
| 7 | Civil Engg. | A workshop on "COMPTER AIDED ANALYSIS AND DESIGN OF STRUCTURES" on (Introduction to STAAD PRO, Analysis using STAAD PRO, Design using STAAD PRO and Spread sheets with concepts of detailing (For students-PG &UG)) | 17 th , 18 th & 19 th Jan. 2017 |
| 8 | IS | FDP on “ Machine Learning” In association with E & ICT Academy, NIT Warangal | 23 rd to 28 th Jan. 2017 |
| 9 | EC & Mech | Technical Talk on ISSS Activities & Introduction to MEMS | 21 st Jan. 2017 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|---------------------------|--|--|
| 10 | NMAMIT, Nitte | FDP on “ Research Literacy: Academic Writing, E-Resources and Research Quality Indicators” (For faculty members pursuing Ph.D.) | 6 th Feb. 2017 |
| 11 | E&E Dept., NMAMIT, Nitte | One day A construction Based Geometry Event “ GEOMITRA” (For students) | 2 nd Feb. 2017 |
| 12 | NMAMIT, Nitte | One day workshop on “ Research, Literacy, Academic writing, E-Resources and Research Quality Indicators” by Dr. I.R.N.Gouder, Former Scientist ‘G’ ,National Aeronautics Laboratory, Bangalore | 6 th Feb. 2017 |
| 13 | NMAMIT, Nitte CS Dept. | A training programme on “Web programming and Fundamentals of LINUX” for all Non –IT, Industry placed students (of CIVIL, Mech. E&C and E&E.) | 8 th , 15 th & 22 nd March (2 -5 P.M.) |
| 14 | CS Dept., NMAMIT | 3 day FDP on “ Natural Language Processing and Machine Learning” | 20 th to 23 rd March, 2017 |
| 15 | Dept. of Mech | 3 day FDP on “ Modelling, Simulation and Application of Piezoelectric Actuators” | 20 th to 23 rd March, 2017 |
| 16 | EE | National Conference on “ Advances in Electrical Engineering” (NCAEE-2017) | 5 th & 6 th April, 2017 |
| 17 | NMAMIT | The OBE Software Demo from IonCUDOS | 20 th March 2017 |
| 18 | NMAMIT | Technology Barrier Reduction Programme (TBRP) for high school students | 24 th April to 12 th May, 2017 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|-------------------------------|---|---|
| 19 | NMAMIT | 7 TH International Conference on Emerging Trends in Engineering, ICETE-2017 | 17 th May, 2017 |
| 20 | NMAMIT | Industry Connect 2017 | 13 th May 2017 |
| 21 | NMAMIT | I ² Connect (Intercollegiate PG student Project Competition and Exhibition)i | 13 th MAY 2017 |
| 22 | NMAMIT | NMReCon 2017 | 22 nd May 2017 |
| 23 | NMAMIT,Nitte | Workshop on 'Introduction to Therapeutic Counseling for Teachers in Higher Education'. | 22 nd to 26 th May 2017 |
| 24 | EDC, NMAMIT, Nitte | Two week FDP on Entrepreneurship | 3 rd to 14 th July 2017 |
| 25 | NMAMIT | 5 days Computer Training programme for NET Institutions non teaching staff | 3 rd July to 7 th July 2017 |
| 26 | IEI Chapter, NMAMIT, Nitte | Technical Talk on “ Technology Mission for Indian Railways” by Dr. Nalinaksh S. Vyas, Professor, Dept. of Mechanical. Engineering, IIT Kanpur | 10 TH July, 2017 |
| 27 | EE Dept. NMAMIT,Nitte | 5 day FDP on “ Control of Power Electronic Converters” | 17 th to 21 st July 2017 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|--|---|--|
| 28 | Chemistry Dept. NMAMIT,Nitte | Workshop on “ Advanced Chemical Research for Engineering Applications” | 20 th July 2017 |
| 29 | Humanity Dept., NMAMIT, Nitte | Two days workshop on “ English Communication skills & Personality Development “ for non teaching staff | 25 th & 26 th July, 2017 |
| 30 | Humanity Dept., NMAMIT, Nitte | One day workshop on “ Introduction to Patents” | 28 th July, 2017 |
| 31 | NMAMIT, Nitte | Staff Induction/Development programme for newly joined teachers | 28 th July, 2017 |
| 32 | Dept. of Mathematics, NMAMIT, Nitte | Two day workshop on “ Analytical, Numerical and Statistical Techniques-Applications” | 28 th & 29 th July 2017 |
| 33 | Dept. of Mechanical Engg., NMAMIT, Nitte | National workshop on “ Machining of difficult to machine materials : Recent Developments, Issues and Solutions” | 3 rd to 5 th August,2017 |
| 34 | Dept. of E&C ,NMAMIT, Nitte | A Five Day workshop on "Analogic design & system design using cadence & orcad p-spice" | 31 st July to 4 th Aug. 2017 |
| 35 | NMAMIT, Nitte | 40 th Series of KSCST sponsored Seminar Exhibition and Student Project | 11 th & 12 th Aug, 2017 |
| 36 | EDC ,NMAMIT, Nitte | “ Entrepreneurship Awareness Camp” | 10 th to 12 th Aug. 2017 |

List of In-house Training Programmes(Contd.)

| Sl. No | Dept. | Title of the program | Date |
|--------|-------------------------------|---|-----------------------------|
| 37 | NMAMIT,Nitte | Technical TALK ON “Solid and Liquid Resource Management” By Mr. C Srinivasan, Project Director, Integrated and Sustainable Solid and Liquid Resource Management, Vellure | 18 th Aug. 2017 |
| 38 | Dept. of EC, NMAMIT, Nitte | Invited Talk on “ Entrepreneurship and Attitude towards becoming an Entrepreneur “ My. Mr. Guruprasada & Mrs. Thanuja R. Rao, Alumni of our Institution | 23 rd Aug. 2017 |
| 39 | Dept. of EC, NMAMIT, Nitte | Technical Talk on “ Space Technology & Chandrayana Mission” by Dr. Ananth G, Deputy Director (Rtd) ISRO, Bangalore | 23 rd Aug. 2017 |
| 40 | NMAMIT, Nitte | Inauguration of IOT club and Technical Talk by Mr. Rajendra Bendre, Founder of Creative Wandering on IOT, Mangalore | 31 st Aug. 20917 |