



NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 14001:2004 Certified, Accredited by NAAC, Recognized by UGC with 2(F) & 12(B)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Nehru Gardens, Thirumalayampalayam, Coimbatore – 641 105.
NBA Accredited UG Courses: AERO | CSE | MECH



ACADEMIC YEAR 2018-2019

SUMMARY REPORT ON PROFESSIONAL DEVELOPMENT PROGRAM

Our IQAC cell involved in initiating all quality assurance programmes for faculty members by conducting programs.

Faculty members of Nehru Institute of Engineering and Technology encourage participating the FDP, STTP, Refresher courses, workshop, seminar, etc., outside the institution for updating the knowledge in the latest trends in the industries and research fields. Above **121** faculty members were participated in various programs for the Academic Year 2018-2019.

S.No	Title of the Professional Development Program	Date	Number of Teachers Who Attended
1	Two week FDP on Recent Developments in Carbon Nano tubes in Renewable Energy conversions and storage	06-12-2019	8
2	Two days National workshop on " Theory and Practice of X ray Diffraction & Scanning Electron Microscope	30.05.2019	1
3	FDP on "Lean Manufacturing, 5S & Kaizen and QC Tools"	27-05-2019	14
4	FDP in Entrepreneurship	08.05.2019	2
5	Four week Faculty Induction Programme - II	22.04.2019	1
6	Seminar on "Nano computing in Cognitive Radio Networks	21.02.2019	4
7	One day national level workshop on Research perspectives on "Futuristic Energy Materials and Energy Storing Systems"	21.02.2019	6
8	One day workshop on "HYDRAULIC SYSTEMS"	11.02.2019	3
9	One day national level seminar on "Circular economy for productivity and sustainability"	09.02.2019	2
10	FDP on Coordinate Metrology and Measurements	01-02-2019	3
11	AIMA	24-12-2018	1
12	FDP on Machine Learning and its Application	19-12-2018	3
13	FDP on Advances in Gas Dynamics and Propulsion	14-12-2018	3



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14	Cyber Solution for smart city application	12.12.2018	2
15	Two Weeks FDP on Design and Analysis of Algorithms	10.12.2018	3
16	A One Day National Level Workshop on “Exploring the Unexplored in English Language Teaching”	07.12.2018	1
17	FDP on Recent Trends in Optimization	12-06-2018	5
18	FDP on Electromagnetic Fields	12-03-2018	2
19	FDP on Wireless Communication	12-03-2018	2
20	FDP on IOT using Arduino and Raspberry Pi	26-11-2018	3
21	FDP on Mobile Computing	26-11-2018	1
22	Real time simulation on monitoring and control of electrical drives	19-11-2018	3
23	DST-SERB Sponsored one day seminar on “Processing and Characterization of multi-functional green composite coatings for medical equipment and implants”	16.11.2018	1
24	Technology based entrepreneurship Development Programme on Internet of Things”-FDP	11-12-2018	2
25	FDP on "Technology based Entrepreneurship Development on IOT"	11-12-2018	2
26	Three Days FDP on NBA Accreditation	24.10.2018	3
27	Hand on Training on Ansys - Workbench Environment	10-03-2018	3
28	5days hands on training on ANSYS Workbench environment	10-03-2018	1
29	FDP on "Entrepreneurship- Initiate and Ignite"	17-09-2018	2
30	FDP On Introduction to R Programming	17-08-2018	4
31	FDP for students induction program	13.07.2018	2
32	FDTP on Engineering Physics	19.06.2018	2
33	Five days Faculty Development Programme on “NBA ACCREDITATION”	06-08-2018	2
34	“NBA Accreditation” -FDP	06-08-2018	4



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35	FDP on NBA Accreditation	08.06.2018	10
36	Problem Solving and Python Programming	04.06.2018	2

Many of the faculty members were participated in leading institutions like Anna University Govt. and Aided institutions, top self-financing colleges and industries in India. For attending the training programme financial support was given by the management. Almost all Faculty members individually benefited through this in house and outside training Programme.

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The Principal

All Head of the Departments





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S.No	Title of the Professional Development program	Date	Number of Teachers Who Attended
1	NBA Accreditation	06-08-2018	9
2	Five Days FDP on Data Science and Bigdata Analytics	22.05.2018	1
3	FDP On Ansys Tools	21-05-2018	2
4	FDP on "Automated Material Handling Systems"	14-05-2018	4
5	One week short term course on "Finite Element Analysis-A practical Approach" from under the sponsorship of Quality Improvement Programme, AICTE, Govt OF India	14/05/2018	3
6	Instructional school for Teachers "Differential equations"	14.05.2018	1
7	FDP on "Automated Material Handling Systems"	05-07-2018	7
8	Entrepreneurial Awareness for teachers	21/04/2018	1
9	FDP on Recent Trends in Industrial Practices, RTIP-18	04-11-2018	1
10	Two Weeks FDP on Entrepreneurship Sponsored by NSTEDB, DST	09.04.2018	1
11	Five Days FDP on IoT Applications	02.04.2018	3
12	One day workshop on Intellectual Property Rights	24.03.2018	2
13	Three Days FDP on Cloud Infrastructure and Services	12.03.2018	2
14	One day seminar on "RESEARCH METHODOLOGY"	03-03-2018	10



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15	Conference on Industry-Academia-R&D Ecosystem	26-02-2018	4
16	Two days National Seminar on Research opportunities in “Nano scale Materials and Fluids”	02-06-2018	3
17	Science Academics’ Lecture workshop on “Differential Equations for Dynamical Systems”	05.02.2018	2
18	Workshop on Hands on training in writing and publishing research papers in international Journals	20-01-2018	6
19	Hands on Training in Writing and Publishing Research Papers in International Journals	20.01.2018	10
20	Eight Days FDP on Mobile Computing	11.12.2017	1
21	Two day National workshop on “Recent Developments in Robotics”	27.12.2017	9
22	Seven Days FDP on Design and Analysis of Algorithms	12.12.2017	1
23	FDP on Design Of Electrical Machines	12-06-2017	2
24	FDP on Engineering Materials and Metallurgy	29/11/2017	1
25	FDP on Energy And Power Quality Audit Methodology	27-11-2017	2
26	FDP on "Applications of Computational Fluid Dynamics in Process Industries"	27-11-2017	1
27	Two days “Hands on Training in writing and Publishing Research papers in International Journals”	24/11/2017	8
28	Hands on Training in Writing and Publishing Research Papers in International Journals	24.11.2017	2
29	Design & Development Of Feed Back Controllers For Power Electronics Converters Based Systems	23-11-2017	3
30	FDP on "Emerging Trends and Advances in Mobile Robots for Industrial Applications"	30-10-2017	2
31	FDP on Data Acquisition Using Lab View in Aerospace Applications	16-09-2017	2
32	Workshop on Writing and publishing research papers in high impact factor journals	17-8-2017	6
33	Workshop on Applications of CFD a Hands on Approach –NWACFD-17	08-10-2017	5
34	Three day workshop on “Applications of CFD a Hands on Approach”	10.08.2017	1
35	FDP On Introduction to R Programming	31-07-2017	1



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36	Two Days FDP on Introduction to R Programming	31.07.2017	1
37	Introduction to R programming-FDP	31-07-2017	4
38	FDP On Leadership Skills Level 2	20-07-2017	3
39	Seminar on Deep learning models for cyber security and remote sensing	13-07-2017	6
40	Aircraft Design (12 week Online Course)	01.07.17	1
41	Gas Dynamics (12 week Online Course)	01.07.17	1
42	Two day workshop on Outcome based education and preparation of SAR for NBA	06-02-2017	1
43	Special Electrical Machines	13-06-2017	3
44	Five Days FDP on Introduction to Mobile App Development	05.06.2017	1

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S.No	Title of the Professional Development program	Date	Number of Teachers Who Attended
1	Advanced Workshop on Partial Differential Equation and Applications	29.05.2017	3
2	Five Days FDP on Anatomy and Outcome Based Education	23.05.2017	2
3	Outcome Based Education and Autonomy -FDP	23-05-2017	9
4	FDP on Strength of Materials	22-05-2017	1
5	FDP on Embedded And Real time System	15-05-2017	2
6	FDP on "Opportunities and Applications of Nano Technology in India"	15-05-2017	7
7	FDP on "Advanced Manufacturing Technology"	05-08-2017	5
8	Five Days FDP on Applied Microsoft .Net Framework Programming	27.03.2017	3
9	FDP on Technology, Innovation and Entrepreneurship	20-03-2017	5
10	Workshop on potential research avenues opportunities in electrical & instrumentation engineering	15-03-2017	2
11	Workshop on Composite Materials	13-02-2017	3
12	Texas Instruments MSP430 Launchpad value line development board	02-08-2017	1



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13	Seminar on effective way of writing research article for journals	02-01-2017	3
14	Workshop- Handson training on LABVIEW for electrical engineers	30-01-2017	2
15	Workshop on Embedded System Design using Texas Instruments MSP430	23-01-2017	13
16	Two day National Workshop on “Opportunities and challenges for fuel cells in India”	23.1.2017	8
17	Workshop- Handson training Texas Instrument Webench	01-06-2017	3
18	Science Academies' Lecture workshop on Algebra and Analysis	04.01.2017	4
19	FDP on "Machine Learning using MasterCAM"	19-12-2016	6
20	FDP on Finite Element Analysis	17-12-2016	6
21	FDP on English Vocabulary and Pronunciation	12-11-2016	4
22	Handling VLSI Lab	12-07-2016	1
23	FDP on Design Of Electrical Machines	12-07-2016	1
24	FDP on Kinematics of Machinery	12-02-2016	1
25	ME6401-Kinamatics of Machinery	02.12.2016	2
26	Power Electronics For Renewable Energy System	28-11-2016	2
27	FDP on A Sneek peek into Student Psychology	11-05-2016	1
28	Recent Trends In Medical Image Processing And Robotic Vision Through Machine Learning Respective	11-04-2016	2
29	Workshop on Initiation, Innovation, Invention in Technology Business Incubation	24.10.2016	15
30	Inspiring Faculty to Motivate Students	01.10.2016	4
31	Hands on training in embedded system	27-08-2016	2
32	PLC Training	08-08-2016	2
33	FDP in the field of simulation with ANSYS	29-07-2016	6




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34	Embedded system design using PIC micro-controller and proteus simulator-FDP	29-07-2016	2
35	FDP on "Embedded System Design using PIC Microcontroller and Proteus Simulator"	29-07-2016	2
36	FDP on the field of Simulation with ANSYS	29.07.2016	1
37	Two Days FDP on Team Building	28.06.2016	4
38	Network Security and Analysis	14.06.2016	2
39	FDP on Engineering Thermodynamics	13/06/2016	2
40	FDP on Experimental Stress Analysis	13-06-2016	8
41	FDP on pedagogy for online and Blended Teaching - Learning process	06-12-2016	3
42	FDP on Metrology and Measurements	06-06-2016	1

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