G.N.I.E.T., Nagpur

Metric No. 6.3.2

Average Percentage of Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years.

GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY, Nagpur

Self-Study Report

Guru Nanak Educational Society's

GURU NANAK INSTITUTE
OF ENGINEERING & TECHNOLOGY
APPROVED BY AICTE, DTE & AFFILIATED TO RTM NAGPUR UNIVERSITY, NAGPUR

Dahegaon, Opp. IOC Petrol Pump, Kalmeshwar Road, Nagpur – 441501 Ph. 07118-661400
Website: www.gniet.ac.in Email: gnietnagpur@gmail.com

6.3.2 Average Percentage of Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years.

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Total No. of Teaching Staff	75	68	91	91	95
No. of Teaching Staff Participated	23	13	06	07	01
Percentage	30.66	19.11	6.59	7.69	1.05
Average Percentage	13.02				

21.m.15

Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501

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6.3.2.Average Percentage of of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years(10)

S.N.	Year	Name of teacher	Name of conference/ workshop attended	Date	Name of the professional body for wich membership fee is provided	Amount of Support Received
		First Year Engineering				
1		Prof. Satishchandra Ragit	"Green Energy Technology & Waste Management"	16-01-2023 to 21-01-2023	NA	1000/-
2		Prof. Satishchandra Ragit	National Level Self Sponsored Faculty Development Program"Recent Innovations in	3-10-2022 to 7-10-2022	NA	500/-
3		Prof. Switi Maske	"Transforming Vision into Quality Engagement at Higher Education Institutions"	13-03-2023 to 14-03-2023	NA	200/-
4		Prof. Divya Lande	"Transforming Vision into Quality Engagement at Higher Education Institutions"	13-03-2023 to 14-03-2023	NA	200/-
5		Prof. Nandkishor Chopkar	FDP - Leadership Skills for Enhancing Personal and Organisational Outcomes"	28-11-2023 to -03-12-2023	NA	1000/-
6		Prof. Pranjali Markhand	FDP- Innovation, Research and IPR - Journey TowardsExcellence	01-03-2023 to 05-03-2023	NA	500/-

7	2022-23	Prof. Pranjali Markhand	"Transforming Vision into Quality Engagement at Higher Education Institutions"	13-03-2023 to 14-03-2023	NA	200/-
8		Prof. Sandeep Bhongade	"Transforming Vision into Quality Engagement at Higher Education Institutions"	13-03-2023 to 14-03-2023	NA	200/-
9		Prof. Pranali Kharwade	National Intellectual Property Awareness Mission	24-05-2022	NA	200/-
10		Prof. Divya Lande	Faculty Development Program on "Computer Forensics & Cyber Crime" organized by Sadabai Raisoni Women's College, Nagpur	01/01/2023 to 05/01/2023	NA	1000/-
11		Prof. Suharshana Sunil Somkuwar	Leadership Skills for bnhancing Pereoнай and Grganisational d Outcomes", G H Raisoni University, Saikheda (MP).	28-11-2023 to -03-12-2023	NA	1000/-
12		Prof. Suharshana Sunil Somkuwar	Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION,	24/06/2022		200/-
		Computer Science and Engineering				
13	2022-23	Prof. Sandeep Bhongade	"Transforming Vision into Quality Engagement at Higher Education Institutions"	13-03-2023 to 14-03-2023	NA	200/-
14		Prof. Vijaya Kamble	Recent Trends and Challenges In Artificial Intelligence and Machine Learning	30-01-2023 to 03-02-2023	NA	500/-
15		Prof. Vijaya Kamble	FDP- AI-Based Nature Inspired Optimization Methods"	09-01-2023 to 14-01-2023	NA	1000/-
		Electrical Engineering				

16	2022-23	Prof. Yogesh Likhar	Industry 4.0 Stategic & Technological Perspectives for Indian Capital Goods Industries"	08-12-2022 to 12-12-2022	NA	500/-
17		Prof. Manish Agrawal	FDP-"ICT in Electrical System and Computation"	06-06-2022 to 17-06-2022	NA	1000/-
18		Prof. Diksha Khare	FDP- Innovation, Research and IPR - Journey Towards Excellence	01-03-2023 to 05-03-2023	NA	500/-
19		Prof. Diksha Khare	FDP on IOT & Drone	27-02-2023 to 04-03-2023	NA	1000/-
20		Prof. Akshay Pilewan	Smart Monitoring System for Industrial Motor	09/09/2022	NA	200/-
21		Prof. Rajendra Bhombe	Contributed in the 108th Indian Science Congress	3-01-2023 to 07-01-2023	NA	500/-
22		Prof. Rajendra Bhombe	One Week FDP on "Industry 4.0"	09-01-2023 to 14-01-2023	NA	1000/-
		Electronics and Telecommunication				
24		Prof. Shushma Telrande	Recent Trends in VLSI Designs and its Research Isshues in Industries Compliances	06-03-2023 to 11-03-2023	NA	1000/-
25		Prof. Minakshi Dhage	Recent Trends and Challanges in Artificial Intelligence and ML	30-01-2023 to 03-02-2023	NA	500/-
26		Prof. Sandip Buradkar	Recent Trends and Challanges in Artificial Intelligence and ML	30-01-2023 to 03-02-2023	NA	500/-
27		Prof. Deepak Deshpande	Recent Trends and Challanges in Artificial Intelligence and ML	30-01-2023 to 03-02-2023	NA	500/-
28	2022-23	Prof. Soniya Milmile	Recent Trends and Challanges in Artificial Intelligence and ML	30-01-2023 to 03-02-2023	NA	500/-
29		Prof. Shushma Telrande	Recent Trends and Challanges in Artificial Intelligence and ML	30-01-2023 to 03-02-2023	NA	500/-

No	Year	Name	Title	Date		
30		Prof. Deepak Deshpande	NEP2020:Transforming Vision into quality Engagementat higher education Institute	13-03-2023 to 14-03-2023	NA	200/-
31		Prof. Akansha Kale	Papper publication, Evaluation of defferent machine learning algorithm in WSN UGC care (DIO :	03/02/2022	NA	1000/-
32		Prof. Soniya Milmile	IOT Based DC Motor Controlling & Monitoring System	02/09/2023	NA	1000/-
33		Prof. Akansha Kale	One Week Faculty Development Program on " Industry 4.0"	9-01-2023 to 14-01-2023	NA	500/-
		MBA				
34		Prof. Jonathan Joseph	Publication on "Human Resource and Sustainable Development - An	01/03/2023	NA	200/-
35	2022-23	Prof. Jonathan Joseph	Workshop on "Sustaining Quality Culture in Autonomous Institutions:Impact and Challenges"	21-09-2022 to 22-09-2022	NA	1000/-
36		Prof.Puja Nagpure	Online National Level Teacher Development Programme	10-06-2022 to 16-06-2022	NA	1000/-
		First Year Engineering				
1		Prof. Sadaf Gauhar	comprehending quality aspect in NAAC	03-05-2022 to 07-05-2022	NA	500/-
2		Prof. Sadaf Gauhar	Ensuring the Quality of Education in HELs concerning NEP 2020 of	06/04/2022	NA	200/-
3		prof. pranjali markand	Perametric analysis of elevated service reservoir	06/06/2022	NA	500/-
4	2021-22	Prof. Divya Lande	One week FDp on Leadership skill	28-11-2022 to 03-12-2022	NA	500/-
5		Prof. Suharshana Somkuwar	Webinar on World War and Physicist, by the NDLI Club of Guru Nanak Institute of Engineering & Technology	28-02-2022	NA	200/-

6		Prof. Nandkishor Chopkar	International Conference on Scientific Computing in Innovation	06-04-2022 to 08-04-2022	NA	500/-
		Computer Science and Engineering				
7	**2021-22**	Prof. Vijaya Kamble	National Seminar on "National Assesment and Accreditation Council on "Institutional Strategies,Preparedness &	10/09/2022	NA	200/-
8		Porf. Vijaya Camble	Journal of Emerging Technologies and Innovative Research	29/04/2022	NA	200/-
		Electrical Engineering				
9		Prof. Yogesh Likhar	" NAAC Accreditation System with Effective DVV Process"	13-05-2022 to 14-05-2022	NA	200/-
10		Prof. Milind Rode	Renewable Energy Resources	13-12-2021 to 18-12-2021	NA	500/-
11	**2021-22**	Prof. Milind Rode	Online FDP on Control System : Sensor Technology	11-01-2022 to 15-01-2022	NA	500/-
12		Prof.Rajendra Bhombe	Refresher Programme on "Introduction to Electric Vehicle"	14-03-2022 to 21-03-2022	NA	1000/-
13		Prof.Rajendra Bhombe	International Conference on Scientific Computing in Innovation	06-04-2022 to 08-04-2022	NA	500/-
		MBA				
14		Prof. Ashima Varghese	FDP on "Essential Soft Skills for Impactful Professional Career"	11/02/2020	NA	200/-
15		Prof. Vinita Dighorikar	International Conference on Scientific Computing in Innovation	06-04-2022 to 08-04-2022	NA	200/-
16	**2021-22**	Prof. Pooja Nagpure	International Conference on Scientific Computing in Innovation	06-04-2022 to 08-04-2022	NA	200/-
17		Prof. Jonathan Joseph	International Conference on Scientific Computing in Innovation	06-04-2022 to 08-04-2022	NA	200/-
18		Prof. Vinita Dighorikar	FDP on "Imparting Online Teaching-Learning Methodology"	21-03-2022 to 27-03-2022	NA	1000/-

19		Prof. Ashima Varghese	International Conference on Innovation and Modernization	04-02-2022 to 05-02-2022	NA	200/-
		First Year Engineering				
1	2020-21	Prof. Kishor Wagh	FDP on New Narrative of NAAC	01-08-2020 to 07-08-2020	NA	1000/-
2		Prof. Kishor Wagh	Technological Advances in Mechanical Engineering TAME-2020	29-06-2020 to 03-07-2020	NA	500/-
3		Prof. Sadaf Gauhar	2nd INDO korea virtual conference on development of advanced materials for future technologies	14-05-2021 to 15-05-2021	NA	200/-
4		Prof. Sadaf Gauhar	International conference on nonmaterial and nanotechnology	25-03-2021 to 27-03-2021	NA	500/-
5		Prof. Divya Lande	Effect of Pr Dopping on Structural Electrical and Dielectric Properties of Ceria based system as	10-01-2021 to 13-01-2021	NA	500/-
6		Prof. Yashraj Nandkishor Chopkar	SPECTRUM: OnbehagoNLINE-MULTIDISCIPLINARY SHORT TERM TRAINING PROGRAM,	01-02-2020 to 03-02-2020	NA	500/-
		Computer Science and Engineering				
7	2020-21	Prof Kalpana Malpe	IIGneous-2020 -Indian Institute of Geomagnetism	29-05-2020 to 7-06-2020	NA	1000/-
8		Prof Kalpana Malpe	Webinar on Effective Online Presentation Techniques	04/06/2020	NA	200/-
		Electrical Engineering				
9	2020-21	Prof. Diksha Khare	Online STTP on Recent Trends in Electrical Power System	27-07-2020 to 29-07-2020	NA	200/-
10		Prof. Diksha Khare	Webinar on Machine Learning and Artificial Intelligence	11/07/2020	NA	200/-

		First Year Engineering				
1	2019-20	prof. pranjali markand	Structural Planning And Design , P.R.Pote Patil college of engineering &	29-05-2020	NA	200/-
2		prof. pranjali markand	Damped Dynamic System	27-05-2020	NA	200/-
3		Prof. Divya Lande	COVID 19 Awareness program	05/05/2020	NA	200/-
		Computer Science and Engineering				
4	2019-20	Prof. Kalpana Malpe	Innovation Teaching & Learning Through Digital Platform	29-05-2020 to 30-05-2020	NA	500/-
5		Prof. Kalpana Malpe	Webinar on "Leadership in the Classroom"	28/05/2020	NA	700/-
		Electrical Engineering			NA	200/-
6		Prof.Diksha Khare	One Week FDP on "Electric Vehicle"	11-05-2020 to 16-05-2020	NA	1000/-
7		Prof.Diksha Khare	"NAAC Awareness Programme for Faculty"	18-05-2020 to 25-05-2020	NA	1000/-
8	2019-20	Prof. Kishor Wagh	Webinar On Mathematical Models in Bio- Medical Applications	03/06/2020	NA	200/-
9		Prof.Rajendra Bhombe	one week FDP on "Python Enrichment"	18-05-2020 to 23-05-2020	NA	1000/-
10		Prof.Rajendra Bhombe	One Week FDP on "Electric Vehicle"	11-05-2020 to 16-05-2020	NA	1000/-
		MBA				
1	2019-20	Prof. Jaspal Gidwani	Workshop on Intellectual Property Rights	26/02/2020	NA	200/-
		Electrical Engineering				
1	2018-19	Prof.Rajendra Bhombe	Simulation by Hydro Power Hybrid System	03/01/2019	NA	200/-

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Research & Development Cell

R & D cell is committed to enhance research ability fervor in all the students and faculty members. Research support for the faculty members encourage them to fetch funding from various agencies, to start consultancies in various fields, to apply for patents and copyrights, to organized research oriented seminars, conferences, workshops and STTPs. Student projects that respond positively to the emerging local and global challenges and opportunities relating to need for developing sustainable product/technology are encouraged.

The R & D cell aims at adopting 'students as innovators' approach and has a particular focus on completion of the research cycle for students through supporting research dissemination. This initiative provides the testing ground for student to test their research, develop new technology or design products that would lead to technology or product development, research papers, patents and/or startups that can be taken up by the GNIET help the student become an entrepreneur.

1. R&D Policy for faculty members

1.1 Publication in Reputed Journals

Sr. No	Category	Incentives
1	Category A: WoS / SCI / IEEE / Springer / Elsevier / Scopus / Thomson Router and A-Grade UGC Approved Journals	50 % publication Charges (Max Rs. 10000). Applicable only for Specified journals
2	Category B: Any Other peer Reviewed journals. (Not listed in Category: A)	50% Publication Fees (Max Rs 5000)

1.2. Attending conferences / STTPs / Workshop / Seminar by faculty

S.No	Category	Incentives
1	**Category A:** Event at National Institute such IITs, IIMs, IISc Bangalore, NITs, NIPE & RSPA, NLS etc.	• 50% Registration fess Maximum up to Rs. 10000/- • Duty Leave as per guidelines

S.No	Category	Incentives
2	**Category B:** Deemed to be Universities, NBA / NAAC Accredited Institutions having secured Grade A and above and has a minimum 10 years of standing, Professional Societies, IIIT or State Government Institutions.	• 50% Registration Fees maximum up to Rs.5000/- • Duty Leave as per guidelines herein.
3	**Category C:** Private Institutions other than category	• No Reimbursement permissible • Duty leave as per guide lines
4	Attending International Conferences held abroad	• Only first author will be deputed if there is no exigency. • Duty leave as per guide lines.
7	Membership of Professional Society, Professional organization	• 50% membership fee • Proof for prescribed membership fee is necessary
8	Purchase of books for Ph.D., post Ph.D., or R&D work being carried out or for M.E. / M. Tech. Projects.	• 100% maximum up to Rs. 5000/- each • Books shall be taken on Accession register of library

1.3. Special rewards for Faculty members

S.N	Category	Incentives
1	For registration for copyrights with the Copyright Registrar	100% of the Registration fee will be reimbursed after submission of relevant documents.
2	Indian Patent filing	Reimbursement of 100% application fees and exam fees.
3	Award of Patent	Rs. 15000/-
4	Research Publication in Refereed Journal	Rs. 5000/-

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5	Convener of International Conference organized in the Institute.	Rs. 10000/-
6	Author of standard text book on the subject from own discipline • Category A: International publishers like CRC press, Pearson education, Mc Graw Hill etc • Category B: Indian reputed publishers with nationwide subscription. • Category C: local Publishers	• Rs. 10000/- • Rs. 5000/- • Rs. 2000/-
7	Faculty Coordinator of minimum 7 days Sponsored STTP/FDP/Workshops organized in the institute	Rs. 5000/-
8	Chairing technical session of International conference at any place OR Invited as keynote speaker in International Conferences in India	50% of probable expenses
9	In-house Resources person for STTP/FDP/Seminar/ Workshop etc. A: For sponsored event B: For non-sponsored event	• As per rule of sponsoring agency • Rs. 500/- per hour

1.4. Incentives for Higher Studies for Faculty

S.No.	Category	Incentives	Remark
1	Award of NPTEL/ SWAYAM Certificate after successful completion of the course	100% of the Examination fee	For successful completion of the examination after presenting the certificate
		Rs. 5000/-	Application to all India level topper with Gold certification
		Rs. 3000/-	Applicable to all India level topper with Silver certification
2	Pursuing Ph.D.	• Study Leave for maximum 3 years(without salary)	After Approval of Management. 3 years Bond mandatory

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6	Progress Seminar of Ph.D.	Duty leave for a day of the seminar any where	No TA. /D.A. is allowed

1.5. Incentive for external funding:

S.No.	Category	Receiver	Amount
1	Financial Grants received from External funding agency such as AICTE, DST, DRDO, GOI etc. for some project	Principal Investigator	05 % on grants
		Co- Principal Investigator	02 % on grants
		Head of Institute	02 % on grants
		HoD	01% on grants
		Administration staff	01% on grants
		R&D Cell staff	01 % on grants

2. R&D Policy for Students

S.No.	Category	Incentives
1	Funding Support For students Research Project	5,000/- for deserving project proposal decided by Internal Research committee.
1	Publication in Category A: WoS / SCI / IEEE / Springer / Elsevier / Scopus / Thomson Router and A-Grade UGC Approved Journals	50 % publication Charges (Max Rs. 10000). Applicable only for Specified journals
2	Publication in Category B: Any Other peer Reviewed journals. (Not listed in Category: A)	50% Publication Fees (Max Rs 5000)
3	For registration for copyrights with the Copyright Registrar	100% of the Registration fee will be reimbursed after submission of relevant documents.
4	Indian Patent filing	Reimbursement of 100% application fees and exam fees.

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