



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	NSHM KNOWLEDGE CAMPUS, DURGAPUR- GROUP OF INSTITUTIONS
Name of the head of the Institution	Dr. Alok Satsangi
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0343-2533813
Mobile no.	9800042460
Registered Email	alok.satsangi@nshm.com
Alternate Email	aloksatsangi@gmail.com
Address	Arrah Shibtala via Muchipara
City/Town	Durgapur
State/UT	West Bengal
Pincode	713212
2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed

Name of the IQAC co-ordinator/Director	Mousumi Mukherjee
Phone no/Alternate Phone no.	+918637319349
Mobile no.	9635783312
Registered Email	mousumi.mukherjee@nshm.com
Alternate Email	mousumi2685@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year) <https://goidgp.nshm.com/pdf/AQAR-18-19-report.pdf>

4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website: Weblink :

<https://goidgp.nshm.com/pdf/2019-2020-Academic-Calendar-Durgapur.pdf>

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.41	2019	01-Apr-2019	31-Mar-2024

6. Date of Establishment of IQAC

25-May-2017

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/beneficiaries
Five Winter FDP's	02-Dec-2019 25	262
Online Meeting on Questionnaire design for Conducting Student Satisfaction Survey	24-Jun-2020 1	30
Uploading of college data on AISHE portal of MHRD, Govt. of India	15-Feb-	8

	2020 5	
Workshop on DVS- University online Evaluation system	10- Dec- 2019 1	94
Workshop on Academic Development Program	05- Jul- 2019 5	102
Meeting on Institutional participation in various surveys like Week, Outlook, CSR	03- Jul- 2019 3	32

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NSHM Knowledge Campus, Durgapur/Basic Science/Dr.Sanchita Sarkar	West Bengal State Council of Science and Technology	DST&BT, Govt.of W.B	2020 2	50000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

5

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from

No

any of the funding agency to support its activities during the year?

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Conducting online Student satisfaction survey (SSS) on teaching and learning process, analyzing the report and providing suggestions to the Head of the Institution related to this survey for further action.

To attain maximum utilization of digital learning platforms (LMS) by all faculties and students

Continuous Online student assessment through LMS.

Wide access to internet facility to inculcate online learning management resources. E-book, e-journal facility for carrying out project works and assignments.

Institute has complemented traditional written examination with project work assignments from this academic year, question paper setting will be done considering blooms taxonomy.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
LMS	Successfully implemented LMS and closely monitoring the utilization.
Motivating faculty for good research	Increase in the number of publication and research articles. More number of faculty enrolled for PhD. FDP's also organized.
IQAC meetings	More frequent meetings were organized
Student Satisfaction Survey	Feedback taken from students on teaching and learning process and outcome shared with Head of Institute, on which necessary actions taken.
Continuous Assessment	Successful conduction of online internal exams and reducing paper usage.

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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	20-Feb-2020
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I - CURRICULAR ASPECTS

1.1 - Curriculum Planning and Implementation

1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation. Exp

1. At the beginning of each academic session, college prepares its academic calendar, which is uploaded in the college website. The proper calendar is prepared according to the notices and circulars receive affiliating university. Students are informed about the academic calendar college notifying the probable teaching days, dates of internal examinations etc. 2. Orientation programme is organized every year for new students to make them aware of the mechanism for curriculum delivery and implementation 3. Routine is prepared and circulated by different departments. Routine is prepared strictly in accordance to the number of credit points in the prescribed syllabus of each course offered by the departments. In the departmental routine, departments conduct meetings for allotment of syllabus distribution among the teachers. Students are given details of assignment of each teacher at the beginning of a session by the department on the teaching assignments allotted in the syllabus distribution, teachers prepare their "teaching plans" according to the number of lectures allotted in the university syllabus for each topic 6. Along with the traditional chalkboard method, teachers often use power-point projections during the lectures to demonstrate topics 7. Reading materials and lectures of teachers are uploaded on the LMS prior, for students as an e-learning technology. Tests/surprise test and student seminars are held after completion of the syllabus and periodic review of performance of students is undertaken. Tutorial classes are held in some departments within class routine hours. Classes are also held during the summer and winter vacations every year in pace with the industry requirements. 12. Post-graduate students are trained to handle assignments, open-house seminars and dissertation themselves for academic research in future. 13. Interactive sessions, seminars and, sometimes with guardians are held to identify problem areas. Special attention is taken to address the problems of slow learners, advanced learners and generation learners. Social net-working sites are also used by some departments.

interaction between faculty and students beyond the class hours 14 satisfaction survey is conducted by IQAC to improve the teaching learn of each department

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship
NIL	NIL	Nil	Nil	NA

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil

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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented in Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/ System
Nil	NIL	Nil

1.2.3 - Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Courses
Number of Students	Nil	Nil

1.3 - Curriculum Enrichment

1.3.1 - Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students
Banking and Insurance	16/09/2019	
French	13/01/2020	
Advance Microprocessors and Microcontrollers	29/01/2020	
AUTO CAD 2D	04/05/2020	
AUTO CAD 3D	11/05/2020	
STAAD PRO	08/06/2020	
Communication Skill (CLC)	19/08/2019	

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1.3.2 - Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Internships
MBA	HR/Marketing/ Finance	30
BTech	CSE/CE/ME/ECE/EEE/EE	182

BHMCT	Hotel Management and Catering Technology	93
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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	
Teachers	
Employers	
Alumni	
Parents	

1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of the inst (maximum 500 words)

Feedback Obtained

Feedback on the teaching-learning process is received from students as satisfaction survey based on a structured questionnaire framed and fee analyzed by academic coordinators which is then forwarded to IQAC and feedback is shared with the Head of the Institution. Teachers provide well as formal feedback to the head of the institution on different ac administrative and University affairs which is analyzed by the Advisor corrective measures are taken accordingly. A structured feedback quest filled up by Teachers. A structured questionnaire is also sent to Alum and Employers. The feedback is collected through mail/ google form. Th Employers is analyzed by the portal heads and placement cell which is in the coming session for student's development.

CRITERION II - TEACHING- LEARNING AND EVALUATION

2.1 - Student Enrolment and Profile

2.1.1 - Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Applica received
MBA	HR/Finance/ Marketing	60	53
Mtech	ECE	18	1
BTech	CE	60	69
BTech	CSE	60	98
BTech	ECE	60	25
BTech	EE	60	56
BTech	ME	60	71
BHMCT	Hotel Management and Catering Technology	120	112
BVoc	BFSI	30	15

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2.2 - Catering to Student Diversity

2.2.1 - Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses
2019	440	33	92	8

2.3 - Teaching - Learning Process

2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management Systems resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms
105	105	4	32	Nil

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 words)

NSHM has a strong mentoring process. Each student is attached to faculty mentors for personal growth and advancement and development. Faculty members continue to be the mentors with the students and every faculty member is expected to create a rapport with the student mentee, encourage them to attempt to clarify doubts and facilitate counselling on different issues (as required). The essence is a sustained human relationship a one to one developmental relationship that ensures a student's holistic development. A mentor is expected to focus on the mentee's holistic development by guiding him/her in academics, summer internship, comprehensive projects/dissertation, career choices, final placement. A mentor can also meet or speak to the Mentee's guardian. A mentor is required to conduct meetings (minimum) per semester with their mentees (one in a group and one on a one-to-one basis). Such meetings are to be documented by the Mentor.

Number of students enrolled in the institution	Number of fulltime teachers	Mentors
1352	105	

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of new appointments
110	105	5	9	

2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships at International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from recognized bodies
2019	Prof. (Dr.) Alok Satsangi	Principal	Best Administrator of the Year Award Society for Educational Research India Dehradun, UK, India.
2019	Prof. (Dr.) Alok Satsangi	Principal	Outstanding Academic Leader of the Year International Business and Academic Award (IBAE-2019) presented by GSIF and The American College of Business
2019	Prof. (Dr.) Alok Satsangi	Principal	International Best Researcher in Management International Journal for Research in Management Literal Access in association with World Council and United Medical Council Research Peace Awards 2019
2019	Prof. (Dr.) Alok Satsangi	Principal	21st Century Educational Leadership Award
2019	Prof. (Dr.) Bijoy Mandal	Assistant Professor	Best Researcher Award at the 6th International Scientists awards on Engineering, Technology and Medicine
2019	Prof. (Dr.) Bijoy Mandal	Assistant Professor	letter of appreciation awarded for disseminating and supporting the leadership Swayam NPTEL Local Chapter NSHM KNOWLEDGE as a Single Point of Contact
2020	Vivekananda Sharma	Assistant Professor	Best Academician of the Year Award International Academic and Research Awards (IARE- 2020)
2020	Shantanu Dutta	Assistant Professor	Awarded PhD from NIT, Durgam
2019	Prof. (Dr.) Alok Satsangi	Nil	Best Administrator of the Year Award
2019	Dr. Alok Satsangi	Nil	MTC Global Distinguished Teacher Management by MTC Global award for 2019

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2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of semester-end/ year- end examination till the declaration of the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration semester-end/ year- end
BHMCT	022	4	31/08/2020	20/10/2020
BHMCT	022	2	31/08/2020	20/10/2020

BHMCT	022	7	14/01/2020	17/12/20
BHMCT	022	5	10/11/2020	17/12/20
BHMCT	022	3	14/01/2020	17/12/20
BHMCT	022	1	16/01/2020	17/12/20
MBA	009	4	18/07/2020	20/07/20
MBA	009	2	31/08/2020	20/10/20
MBA	009	3	11/01/2020	19/03/20
MBA	009	1	07/01/2020	19/03/20

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2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (25)

• NSHM Knowledge Campus is an affiliated college under Maulana Abul University of Technology, West Bengal. • The end-semester exams are conducted by the University but held in the college. • The examination committee has framed norms for the conduct of the examinations and made all faculty aware of the same before the commencement of the exams. • Preference of faculty regarding invigilation duties is taken and factored in while preparing the duty chart of invigilation duty is prepared and circulated much in advance in the presence of faculty during exams. • Flying squads comprising of senior faculty ensured that use of unfair means was checked. • Departments have also taken steps to streamline internal exams. • Continuous and Comprehensive Evaluation has been undertaken through class tests, assignment problems, Case Studies and Multiple assignments were given to students, topics were given in advance to them to prepare. • The best of 2/3 assignments were submitted for the assessment data. • Those students who did not perform well in the assessment were counselled individually and when required, weaker students were given extra classes to improve their scores. This led to an improved outcome as there was no performance anxiety. • Extra classes by teachers and group classes on very important topics are taken. • Students involved in co-curricular activities who missed the first test could appear in the second/ third test.

2.5.3 - Academic calendar prepared and adhered for conduct of Examination and other related matters

Continuous Internal Evaluation in consultation with affiliating university has been prepared in the academic calendar and regulations. Each year is divided into two semesters: Summer semester (July- December) and Spring semester (January- June). The Autumn semester ordinarily begins in July for students already on rolls and Spring semester ordinarily begins in January. However, the first semester (Autumn, for students) may begin a little later depending on the completion of admission formalities. The number of teaching weeks in each semester shall be 15 weeks with a minimum of 90 teaching days excluding the period of examination. Each year the University draws out a calendar of academic and associated activities, which is adhered to as far as possible. Details of curricula and syllabi are decided by the academic council with provision for modification from time to time as specialization concerned. The evaluation of course items for each subject in each semester is 100 for theory paper where end semester examination are of 70 marks and internal 30 marks. For internal two tests are ordinarily conducted at identical intervals and the best performance shall be considered for final marks.

reckoning which is considered for 15 marks out of 30 internal marks and features in college academic calendar. The college exam committee after approval of the Director/ Head of the department ordinarily sets the test and announces the test date as per the academic calendar. The test script is corrected or evaluated within 7 days of actual conduct of test and so discussed in the class. During discussion students have the access to scripts and final award list for each test is put on the departmental website within next 2 days and copies are communicated to Director/ Principal. The process is repeated for each test. Another 10 marks college considers quizzes and assignments for continuous evaluation as guided by the University. All the time does not reflect in the academic calendar but it is there in the lesson plan of the concerned course teacher who is responsible for these during their lectures or tutorial class. The course teacher is responsible for a final award or marks under this category. Apart from these, 5 marks or points are considered from students' regularity and participation in the class. For end semester examinations, the college follows a centralized system and dates as per the University guideline and incorporates it in the academic calendar. To conduct the practical/lab examinations, the University provides a time slot to conduct the practical exams within a stipulated time. The examinations are of 100 marks in which 60 marks are the term end evaluation marks, and 40 marks are given as internal assessment. The schedule for the same adheres to the university schedule and is incorporated into the college academic calendar.

2.6 - Student Performance and Learning Outcomes

2.6.1 - Program outcomes, program specific outcomes and course outcomes for all programs offered are stated and displayed in website of the institution (to provide the weblink)

<https://goindgp.nshm.com/prog-advantage.php>

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination
022	BHMCT	Hotel Management and Catering Technology	75	53
009	MBA	HR/Fin/Mktg	24	23
013	BTech	CE	40	32
001	BTech	CSE	59	58
003	BTech	ECE	30	27
016	BTech	EE	10	9
028	BTech	EEE	2	1
007	BTech	ME	41	37

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2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design questionnaire) (results and details be provided as weblink)

https://drive.google.com/file/d/1d1_i67S1Wedr0gUElpCbPnn4Dnj1l0il/view

CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received
Any Other (Specify)	2	DSTBT, Govt.of W.B	0.5	

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3.2 - Innovation Ecosystem

3.2.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia practices during the year

Title of workshop/seminar	Na (tl De
IPR Patents Ideas to Protect Your Innovation - I	M
5 Days Faculty Development Programme on "Python Programming with Industry Perspective" jointly organized by Electronics ICT Academies MNIT Jaipur, IIITDM Jabalpur, NIT Patna Supported by Ministry of Electronics and Information Technology (MeitY)	C
5 days Faculty Development Programme on "Deep Learning and Applications" jointly organized by Electronics ICT Academies PDPM IIITDM Jabalpur, NIT Warangal, MNIT Jaipur, NIT Patna Supported by Ministry of Electronics and Information Technology (C
5 days Faculty Development Programme on" VLSI Chip Design Hands-on using open source EDA" jointly organized by Electronics ICT Academies IIT Guwahati, IIITDM Jabalpur, NIT Patna, MNIT Jaipur, Supported by Ministry of Electronics and Informatio	C
5 days Faculty Development Programme on AI and Machine Learning" jointly organized by Electronics ICT Academies IIT Roorkee, IIITDM Jabalpur, MNIT Jaipur, NIT Patna Supported by Ministry of Electronics and Information Technology (MeitY)	C
5 days FDP on ICT Tools for Teaching Learning Process and Institutes	C

3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award
Best Researcher	Dr. Alok Satsangi	International Journal for Researcher under Literal Access in association	15/08/2019

		with World Research Council and United Medical Council during Research Peace Awards 2019	
Best Researcher	Dr. Bijoy Mandal	6th International Scientists awards on Engineering, Science and Medicine	24/04/2020

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3.2.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of
Nil	Nil	Nil	Nil	Nil	

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3.3 - Research Publications and Awards

3.3.1 - Incentive to the teachers who receive recognition/awards

State	National	International
1	3	7

3.3.2 - Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	Nil

3.3.3 - Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor
National	BHMCT	6	0
National	MBA	4	1.8
International	ECE	9	0.62
International	CE	1	7.11
International	EE	2	3.05
International	CSE	3	1.8
International	ME	5	2.45
Nil	MBA	2	3
Nil	BHMCT	9	1.08

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3.3.4 - Books and Chapters in edited Volumes / Books published, and papers in National/International Proceedings per Teacher during the year

Department	Number of Publication
MBA	9
BHMCT	1

CE	1
CSE	3
ECE	4
EE	2
ME	2

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3.3.5 - Bibliometrics of the publications during the last Academic year based on average citation in Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Instit affil men in publ
Predicting a Model for the financial risk tolerance of retail investors of Durgapur city on their demographic factors using Multiple Discriminant Analysis,	Amrita Bhattacharya	Smart Intelligent Computing and Applications	2019	7	N Know Ca: Dur
Micro-friction stir welding (μ FSW) - A review	Meghnath Sen	Materials Today: Proceedings , Elsevier	2019	2	IIT DHF
Investigations into FSW joints of dissimilar aluminium alloys	Meghnath Sen	Materials Today: Proceedings , Elsevier	2019	2	IIT DHF
Thermal transport analysis for natural convection in a porous corrugated rhombic enclosure.	Shantanu Dutta	WILEY ONLINE LIBRARY	2020	0	N Dur
Natural convection heat transfer and entropy generation in a porous rhombic enclosure: influence of non-uniform heating.	Shantanu Dutta	Journal of Thermal Analysis and Calorimetry	2020	0	N Dur
Data Security Using 512 Bits Symmetric Key Based Cryptography in Cloud Computing System	Bijoy Mandal	International Journal of Advanced	2019	0	N Know Ca: Dur

		Science and Technology			
A modified discrete antlion optimizer for the ring star problem with secondary sub-depots	Partha Sarathi Barma,	Neural Computing and Applications	2020	0	N Know Cal Dur
Periodic Boundary Cellular Automata Based Wear Leveling for Resistive Memory	Manisha Ghosh	IAENG - International Journal of Computer Science	2020	0	N Know Cal Dur
Design of Reversible Shift Register Using Reduced Number of Logic Gate	HERANMOY MAITY	Micro and Nanosystems	2020	0	N Know Cal Dur
Design of Quantum Cost and Delay Optimized Code Converter Using New Reversible Quantum Circuit Block (QCB)	Parna Kundu	Micro and Nanosystems	2020	0	N Know Cal Dur

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3.3.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citations
Investigations into FSW joints of dissimilar aluminium alloys	Meghnath Sen	Materials Today: Proceedings ,Elsevier	2019	2	3
Numerical investigation of magneto hydrodynamic natural convection heat transfer and entropy generation in a rhombic enclosure filled with Cu-water nano fluid	Shantanu Dutta	International Journal of Heat and Mass Transfer- ELSEVIER	2019	5	27
Natural convection heat transfer and entropy generation in a porous rhombic enclosure: influence of non-uniform heating	Shantanu Dutta	Journal of Thermal Analysis and Calorimetry	2020	5	4

Design of Quantum Cost and Delay Optimized Code Converter Using New Reversible Quantum Circuit Block (QCB)	PARNA KUNDU	Micro and Nanosystems	2020	12	Nil
Design of Reversible Shift Register Using Reduced Number of Logic Gate	HERANMOY MAITY	Micro and Nanosystems	2020	12	Nil
The Quantum Cost Optimized Design of 2:4 Decoder Using New Reversible Gate	HERANMOY MAITY	Micro and Nanosystems	2020	12	Nil
Static optimal load flow of combined heat and power system with valve point effect and prohibited operating zones using Krill Herd algorithm	SHREYA ADHVARYU	Energy Systems	2020	19	7
Application of bio-inspired social spider algorithm in multi-area economic emission dispatch of solar, wind and CHP-based power system	SHREYA ADHVARYU	Soft Computing	2019	73	13
A modified discrete antlion optimizer for the ring star problem with secondary sub-depots	Joydeep Dutta	Neural Computing and Applications	2020	2	1
Demographic factors impact the risk taking ability of urban investors living in three major cities of West Bengal, India	Amrita Bhattacharya	Indian Journal of Finance	2019	7	644

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3.3.7 - Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National
Attended/Seminars/Workshops	47	255
Presented papers	16	1
Resource persons	Nil	4

[View File](#)**3.4 - Extension Activities**

3.4.1 - Number of extension and outreach programmes conducted in collaboration with industry, co Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Nur par
Blood Donation Camp	Durgapur Sub-Divisional Blood Donors Forum and Sub- Divisional Hospital, Durgapur	10	
Universal Education	Unnat Bharat Abhiyan	2	
Awareness on Women Hygiene	Unnat Bharat Abhiyan	2	
Basic Needs	Unnat Bharat Abhiyan	2	
Rock Climbing	Durgapur Mountaineers Association (DMA)	5	

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3.4.2 - Awards and recognition received for extension activities from Government and other recogn the year

Name of the activity	Award/Recognition	Awarding Bodies
Sanitation and Hygiene, Waste, Water and Energy Management, Greenery	Recognized Swachhta Action Plan Institution	Mahatma Gandhi Nation Council of Rural Education, MHRD, GOI

No file uploaded.

3.4.3 - Students participating in extension activities with Government Organisations, Non-Governm and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan, MHRD, GOI	Distributing water filters to Rural Schools Nearby	2
Universal Education	Unnat Bharat Abhiyan, MHRD, GOI	Distribution of Alhabet books and pencils in primary schools in rural areas	2

Awareness on Women Hygiene	Unnat Bharat Abhiyan, MHRD, GOI	Distribution of Sanitary Kits to the Health Centers and Schools in Rural Areas	2
Basic Needs	Unnat Bharat Abhiyan, MHRD, GOI	Distribution of Cloths to the needy and poor school children	2
Swacch Bharat Abhiyaan	Accommodation Operation Department(Hotel Management) / NSHM	Cleaning of the Primary School near the college and distributed fruits	5

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3.5 - Collaborations

3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange during

Nature of activity	Participant	Source of financial support
nil	0	0

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3.5.2 - Linkages with institutions/industries for internship, on-the- job training, project work, shari facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Du
nil	nil	nil	Nil	N

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3.5.3 - MoUs signed with institutions of national, international importance, other universities, indus houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participa
Nil	Nil	NA	Nil

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CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure
7.25	5.6

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities
Number of important equipments purchased (Greater than 1-0 lakh)

during the current year

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4.2 - Library as a Learning Resource

4.2.1 - Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year
TCS ION	Partially	2017	

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		
Text Books	29945	6496096	Nil	Nil	29945
Reference Books	4342	1000000	Nil	Nil	4342
e-Books	3150	Nil	Nil	Nil	3150
Journals	90	239250	Nil	Nil	90
e-Journals	12	31500	Nil	Nil	12

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4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Library Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launch
Nil	Nil	NA	Nil

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4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Av Bar (MB)
Existing	358	8	18	1	0	1	3	
Added	0	0	26	0	0	0	0	
Total	358	8	44	1	0	1	3	

4.3.2 - Bandwidth available of internet connection in the Institution (Leased line)

44 MBPS/ GBPS

4.3.3 - Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre facility
Nil	NA

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities, (component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditur maintenance of
52.5	48.15	651	63

4.4.2 - Procedures and policies for maintaining and utilizing physical, academic and support facilities library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available Website, provide link)

The Institute has appointed several personnel for maintaining the infrastructure of building maintenance, transport, furniture and generator operation. The power shuts down. Separate Complaint registers are maintained for services like electrical, plumbing, housekeeping etc. The people, who are responsible for maintenance of the college, will report regularly about the breakage of equipment and devices to the higher authority. The Maintenance committee is headed by the GM Administration who in turn monitors the work of the Supervisor at the college. The Supervisor is accountable to the GM Admin and functions as the coordinator. The Supervisor efficiently organizes the workforce, maintaining duty files containing details about their individual floor - wise responsibilities, timings, leave etc. The maintenance officer conducts periodic checks to ensure the efficiency and condition of the infrastructure. Adequate in - house staff (Contractual) are employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Contractual Housekeeping Staff. Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. The Green Cover of the campus is well maintained by a full time gardener. Optimum working condition of all equipment on the campus is ensured through annual maintenance contract with AMC purview includes maintenance of Generator, Elevator, Air Conditioning, fire cameras and Water Purifiers. Apart from contract workers, the college employs in - house electricians and plumbers. Lab assistants under the supervision of the System administrator maintain the efficiency of the college computer system accessories. Parking facility is well organized. It is efficiently managed for security under the control of security officer. Periodic reporting on the status of repairs and maintenance are submitted by the HODs to the Administration. The requirements are collectively processed in every semester break so that everything is ready for the new semester. Pest control of the building, its surroundings, classrooms, labs, library and record rooms are done on regular/weekly basis. PCI. GM Administration and his team are involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance works such as furniture repairs, masonry and plaster works, painting, plumbing and house-keeping. The Housekeeping office workers look after the maintenance of rest rooms, approach roads and neatness of the entire campus. Housekeeping services are regularly executed and monitored by Contractual Supervisor.

<https://goidgp.nshn.com/infrastructure-maintenance.php>

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Scholarships and Financial Support

	Name/Title of the scheme	Number of students
Financial Support from institution	Asha Jyoti Scholarship	175
Financial Support from Other Sources		
a) National	SVMCM Scholarship ⁶	10
b) International	Nil	Nil

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5.1.2 - Number of capability enhancement and development schemes such as Soft skill development coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agency
Language Lab sessions	29/07/2019	400	
Soft Skills training	04/02/2020	67	Ms. Ar
Personality development and Corporate training	03/09/2019	54	Ms. Har
Campus to corporate Program (Soft Skill, Personal Counselling and Mentoring)	12/08/2019	237	Centre and cc
Remedial Classes	26/08/2019	45	Subject batch

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5.1.3 - Students benefited by guidance for competitive examinations and career counselling offered during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed the competitive examination
2019	Workshop on GATE examination in association with "TIME"	165	Nil	Nil
2019	Campus to Corporate Readiness Program (CCRP)	Nil	237	Nil

2019	One to one counselling sessions	Nil	340	Nil
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5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Preventior harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grie
Nil	Nil	Nil

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			Off campus	
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated
Various	841	119	Various	417

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5.2.2 - Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Nan
2020	1	BHMCT	Hotel Management	NSHM Knowledge Campus, Durgapur	F
2019	3	DME	Mechanical Engineering	DIATM	:
2019	2	DCE	Civil Engineering	NSHM Knowledge Campus, Durgapur	:
2019	1	BHMCT	Hotel Management	IMS, Gaziabad	:
2019	1	BHMCT	Hotel Management	NSHM Knowledge Campus, Durgapur	:

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5.2.3 - Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	30

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5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number
Photography competition	Institutional level	
Sit and Draw Competition	Institutional level	
Mini Gardening Competition	Institutional level	
Poster Making Competition	Institutional level	
Flower Arrangement Competition	Institutional level	
Fashion Show	Institutional level	
Collage Competition	Institutional level	
Agomoni Adda	Institutional level	
Dance Competition	Institutional level	
Singing Competition	Institutional level	

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5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at national level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	
2019	Runner up	National	1	Nil	College team	V

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5.3.2 - Activity of Student Council & representation of students on academic & administrative bodies at the institution (maximum 500 words)

The College has created a platform for the active participation of the students on the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations, and execution skills. They help in coordinating all the events related to sports and other curricular Extra-curricular activities, as per the directives of the college faculty. Modus Operandi: · Each council has a representative council called Class Committee and includes student members too. · The students bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. · The composition of students depends upon the election mode done among the students in the presence of the faculty members. · The Student Council helps students in their interests, and concerns with lecturers and principal. They often also help in raising funds for various activities, including social events, community projects, and people in need and college reform. · Various programs like paper presentations, workshops, seminars, cultural events, educational tours and quiz and competitions are organized by these bodies every year. We have formed 6 student committees: Library committee, Cultural Committee, Academic committee, Anti-Ragging Committee, Sports Games Committee, Canteen Committee, Alumni Committee, NSS Committee.

funding for various activities of the internal college bodies is provided by the College Management. NSHM Knowledge campus Durgapur, GOI provides necessary support to the council members in organizing and coordinating the events. It encourages students to develop their leadership skills through these activities. The council members in this council can become real heroes and competent managers by learning all these skills.

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

No

5.4.2 - No. of enrolled Alumni:

3165

5.4.3 - Alumni contribution during the year (in Rupees) :

0

5.4.4 - Meetings/activities organized by Alumni Association :

An Alumni meet was conducted on 16th August 2019 where few alumni attended at the Durgapur Campus. There is no such registered alumni association but an online portal in which alumni are connected and they have registered an alumni association link-<https://alumni.nshh.com/members.d>

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - Mention two practices of decentralization and participative management during the last year (in 100 words)

Education is being decentralized in numerous countries as part of a larger reform public management systems. However, NSHM Group of Institutions from its inception, has practiced Decentralization, and a process of distributing functions, powers, and people away from a central location. It is well recognized by NSHM that governance arrangements critically affect the performance of constituent institute's service delivery. Decentralization fosters accountability, cooperation and vigilance and reduces alienation and poor governance of the Institution. The Decentralization arrangements relate to the design of jurisdictions: i.e., to the distribution of powers within and between levels of management, and between different constituent units to provide services, as well to the social and outreach functions in these jurisdictions. These include formal institutional factors such as the extent of institutional fiscal autonomy, the type of hierarchical oversight exercised, and administrative arrangements that determine information flows for decision-making. Decentralization is having a significant impact on policy, planning, and implementation of various educational programs of the Institution. The constituent units under professional leadership have been given sufficient autonomy and the intention of improving service delivery to the students, and bringing administrators closer to the students. The conscious approach to participative governance in the management of the institution brings more perspectives and a mix, producing high quality outcomes, beneficial to the stakeholders: students, and staff. The central authority provides an important (

function, verifying that the constituent institute executives are carrying out their responsibilities honestly and effectively and making sure that a voice is heard. Certain kinds of decentralization characterized by collegial student participation in governance, budget making exercise, expenditure etc. have been found to improve performance in the constituent institutes.

Following are the case studies that show sufficient decentralization and participative management in the institution: A. Admissions: It is a constituent institute-driven activity, whereby eligible candidates are selected for the allotted seats in various programs. The admission process is conducted by the Admissions department, and the constituent institute. Apart from the overall trend and gross figures, the central authority is not involved in admissions related activity. B. Placement: Placement is another constituent institute and managed activity, where the constituent institute, with the help of placement officers, assigned to the respective institute, endeavors. C. Quality Management: The institution implemented participative management practices receptive to different proposals, suggestions about the academics and curriculum from different stake holders which in turn are incorporated in decision making processes through governing body ratifications. Various committees participation includes professors, assistant professors, technical and nontechnical staffs in the following administrative committees which are decentralized and correspond to individual departments. The committees are: Governing body IQAC Anti-ragging committee Examination committee SC-OBC Committee Minority Committee Corporate Research and Talent Transfer Committee Academic Advisory Committee Grievance Redressal Internal Complaints Disciplinary Committee Library Committee Academic Calendar Committee and Quality Assurance Committee.

6.1.2 - Does the institution have a Management Information System (MIS)?

No

6.2 - Strategy Development and Deployment

6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in

Strategy Type	Details
Curriculum Development	As the Institute is affiliated to MAKAUT, WB, we are following the University Syllabus as prescribed but feedback of stakeholders is taken and shared with the University Bodies in Syllabus Meetings organised by the University.
Teaching and Learning	The initiatives of teachers are encouraged and are as follows: (a) Teaching with the following: Use of modern teaching aids (Power Point Projector) for conducting special classes smoothly. (b) Participation in various faculty development programs, workshops, conferences, etc to enrich their knowledge. (c) E-learning: Laptops are provided to all the faculty members of the institution which help them in teaching and delivering good lectures. (d) Internet facility is available throughout the campus which helps in the teaching learning process. (e) Innovative teaching-learning methodologies are used to make the teaching process more attractive. (f) Consultation with Senior Professors. Lessons are prepared well in advance taking into consideration of Course outcome and program outcome. As the syllabus

	<p>prescribed by the university, hence additional ass projects, add on study materials as per the required trends for holistic development of the students in t Students are encouraged towards skill based activity l and internship training in the industry to aware the s the live projects of the industry.</p>
Examination and Evaluation	<p>The institute is affiliated to MAKAUT, WB . With intr semester system of examination, twice in a year for all both external and internal evaluations were started. I instructions by putting notices on college notice b institution makes its students aware about the dates, process flow regarding the internal evaluation and University website students get the routine for s examination. Institute has its well structured depa organize all examinations and co-ordinate with Univers: to time related to students issue like: admit card for mark sheets etc. There are various committees for evaluation and examination like: committee for ques moderation for internal examination, examination com conducting the semester examination and internal asse exam paper are set and answer copies are evaluated ex the University. University also asks for the model que college faculty before each semester examination. Se percent of attendance is mandatory to fill the form wh students eligible for University semester examinat management of the college ensures that all the stude their class regularly and clear their internals as pe</p>
Research and Development	<p>Encouraging research by faculty members, which has increase in their national and international public Encouraging faculty members to undertake major and mi projects. Organizing interdisciplinary Seminars and C Many faculties are pursuing PhD.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>Infrastructure. The best infrastructural facilities a to the students. Teachers use ICT to make learning an experience. This minimizes the monotony of the lectur understanding simpler and an enriching experience. S also encouraged to give presentations in the class b latest technology. The Institute provides 24 hours fr facility to all the staff and students. Students are e use internet as learning resource for assignments on c as well as for projects. Also software ERP is provided and faculty on which information related to academi checked. Library- Library is equipped with effective learning and e-journals to make learning an interes enriching experience for the students.</p>
Human Resource Management	<p>Human Resource Management- Th College has recruited ad of faculty members, technical staff, admin members : guidelines mandated by the AICTE.</p>
Industry	<p>NSHM always values its stake holders and one of the imp</p>

Interaction / Collaboration	holder is industry partners /employers where institut good relations over the years where its students trai those different organizations for practical exposures career. Different Industry experts are invited to in: lectures, motivational speech, campus recruitment, workshops etc. Institute also values their feedback as corrective measures for mutual benefit.
Admission of Students	The institute takes part in different pre-counselling all over India. The annual admission brochure is cir these educational fairs. Advertising is done in English/regional language newspapers and through elect Career awareness lectures are being conducted by the Branding Communication Department and faculty memb admission process is done following the norms and c specified by Higher Education Department, Government o and MAKAUT which provide an ideal study atmospher infrastructure, qualified and dedicated faculty and s systems for a strong career foundation. i) MBA Admi admission though CAT or MAT or JEMAT. Students are se different regions of the country basis their merit wh students from all genders, caste and backward communit Tech admission : Admission is taken through valid sco WBJEE or JEE main or AIEEE after passing 102(Higher Examination) iii) Hotel Management admission: Hotel admission through JEHOM AND institutes own admission M.Tech Admission: Students who have passed B.E or l equivalent stream with valid GATE or PGET sco

6.2.2 - Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	There is an annual general body meeting that happens w the departments and the management. The planning and de each department is discussed and planned. The Princ management insist that activities schedules are prompt on the institution website. The Management is informe activity in the college through emails as well as What
Administration	1. Student data is maintained on a digital platform. attendance is monitored through the data and reports g TCS ion software. 3. Employee data is also maintained format 4. Important communications and policy decisions to concerned stakeholders through emails and by disp college website.
Finance and Accounts	TCS ion is used for maintaining accounts records. Stude notification for their payments through the software. related to University payments, Provident Fund, Inc Professional Tax etc are performed online via NEFT/RTI payment of remuneration for lectures conducted on clocl is done Payroll is also a part of the software
Student	Online admission is implemented at the entry point by

Admission and Support	Students can easily access information regarding Regulations, Facilities for students, Support services activities on the institution website. All rules mentioned in student hand book/ rule book. Information prevention of Ragging is made available on website through out the institute flex are displayed with the members name and number for contact.
Examination	Examinations are guided by affiliating University. All information regarding Examination University affairs are in the University website as well as displayed on college board as well. The examination are in modes of internal and semester end examination. Results are available on University site.

6.3 - Faculty Empowerment Strategies

6.3.1 - Teachers provided with financial support to attend conferences / workshops and towards membership of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership provided
2020	Sudipta Banerjee	National Conference on Emerging Trends on Sustainable Technology and Engineering Application	IEEE conference
2019	SAMRAT RAY	WATER CRISIS ,PUBLIC HEALTH SUSTAINABLE SOLUTIONS (WCPHS)	INDIAN NATIONAL SCIENCE ACADEMY
2019	SAMRAT RAY	SOLID WORKS 2020	PELF INFOTECH LTD.
2019	SAMRAT RAY	GES 2020, IIT KGP 2019	IIT , KGP
2019	ARGHYA CHAKRABARTY	CLIMATE CHANGE AND WATER CRISIS 2019	DEPARTMENT OF ENGG, IIT KGP, SHIBPUR, HO
2019	SHREYA ADHVARYU	ICIMSAT	ICIMSAT
2019	Mrs. Amrita Bhattacharya	3rd Singapore - International Conference on Social Science Humanities (ICSSH),	Social Science Humanities Research Association
2019	Prof Anand Mohan	4th International Conference on Management, Engineering, Science, Social Science and Humanities	MESSSH'19
2019	Dr. Gargi Banerjee	4th International Conference on Management, Engineering, Science, Social Science and Humanities	MESSSH'19
2019	Dr. Arun Upadhyay	Two day International Conference on " Management Education : The Road Ahead	Shri Mata Va Devi Univer

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6.3.2 - Number of professional development / administrative training programmes organized by the teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number participants (Teaching and non-teaching staff)
2019	Interaction on Student Induction Program	Interaction on Student Induction Program	15/07/2019	17/07/2019	23
2019	5 Days FDP-NKN Winter Courses on Python Programming with Industry perspective	5 Days FDP-NKN Winter Courses on Python Programming with Industry perspective	02/12/2019	06/12/2019	38
2019	5 Days FDP-NKN Winter Courses on Deep learning and applications	5 Days FDP-NKN Winter Courses on Deep learning and applications	09/12/2019	13/12/2019	40
2019	5 Days FDP-NKN Winter Courses on VLSI Chip Design Hands on using open source EDA	5 Days FDP-NKN Winter Courses on VLSI Chip Design Hands on using open source EDA	16/12/2019	20/12/2019	37
2019	5 Days FDP-NKN Winter Courses on AI Machine learning	5 Days FDP-NKN Winter Courses on AI Machine learning	23/12/2019	27/12/2020	40
2019	5 Days FDP-NKN Winter Courses on ICT Tools Techniques for Teaching, Learning Process Institutes	nil	13/01/2020	17/01/2020	54
2020	Scope in Administrative Jobs after Engineering by Nibha Kumari, Revenue Officer, Govt. of Bihar	Scope in Administrative Jobs after Engineering by Nibha Kumari, Revenue Officer, Govt. of Bihar	21/06/2020	21/06/2020	30
2019	One Day Training Program on Digital Evaluation System - MAKAUT	nil	03/12/2019	03/12/2019	94
Nil	Academic	nil	05/07/2019	11/07/2019	105

**Development
Program**

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6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Program Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To
Online Faculty Development Program on Imminent Trends in Mechanical Engineering organised by Department of Mechanical Engineering, Kommuri Pratap Reddy Institute of Technology, Hyderabad, Telangana	4	29/06/2020	03/0
5-days Global E-Symposium on "Global Pandemic Outbreak : Role of Technology Automation (GPORTA) "	4	01/06/2020	05/0
Online Three Days FDP on "RF Design VNA Its Applications" conducted by Entuple Anritsu	3	16/06/2020	18/0
AICTE Training And Learning (ATAL) Academy FDP on Artificial Intelligence at National Power Training Institute (Eastern Region), Durgapur.	2	18/11/2019	22/1

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6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	
105	107	27	

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Stu
Provident fund, Gratuity, Pension fund, Group Insurance Scheme (GIS), Health Insurance, TA, DA, HRA	Provident fund, Gratuity, Pension fund, Group Insurance Scheme (GIS), Health Insurance	Scholarship Financial w University Sch

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words each)

The financial resources are managed in an effective and transparent manner and every transaction is supported by bills and vouchers. All the expenses, both recurring and non-recurring are incurred through cheques, demand drafts, etc. For effective verification of accounts, internal and external audits are done periodically. Internal Audit: The Chief Finance Officer under

internal audit of the institute's finance- related records. The inter done on daily basis. External audit: Every year a group of external comprising a team of chartered accountants perform the auditing of the financial records and books as per guidelines of the income tax de

6.4.2 - Funds / Grants received from management, non-government bodies, individuals, philanthrop year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received i
Nil	0

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6.4.3 - Total corpus fund generated

0

6.5 - Internal Quality Assurance System

6.5.1 - Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Inter	
	Yes/No	Agency	Yes/No	
Academic	No	Nil	Yes	
Administrative	No	Nil	No	

6.5.2 - Activities and support from the Parent - Teacher Association (at least three)

NSHM believes in the academic, social, moral and cultural development by acquiring inputs from all stakeholders. Although the college does : formally registered parent-teacher association, yet interactions of t parents during parent-teacher meetings of different departments come suggestions related to the overall development of the students. Teache able to communicate with parents to prevent any suspicious behaviour o Faculty members maintain attendance record of students. If a student attendance, then parents are informed about the same by faculty me Principal and subsequently meetings are arranged by the college author parents. In almost all cases, parents provide essential support and ca proper attendance of their ward.

6.5.3 - Development programmes for support staff (at least three)

Support staff is also encouraged to join FDP that are held in Institu also encouraged to do develop themselves by higher education. Faculti training and support in the lab work.

6.5.4 - Post Accreditation initiative(s) (mention at least three)

Setting the questions of internal assessment (unit test, assignments understanding levels of Bloom's Taxonomy. Introduced Student sati survey(SSS) and feedback is shared with Management and Head of the Organizing and encouraging Faculty development

6.5.5 - Internal Quality Assurance System Details

a) Submission of Data for AISHE portal

b)Participation in NIRF

c)ISO certification

d)NBA or any other quality audit

6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration
2019	Workshop on Academic Development Program	03/07/2019	05/07/2019	11/07/2019
2019	Workshop on DVS- University online Evaluation system	09/12/2019	10/12/2019	11/12/2019
2020	Online Meeting on Questionnaire design for Conducting Student Satisfaction Survey	24/06/2020	24/06/2020	26/06/2020
2019	5 winter Fdp's planned for 5 days each	05/09/2019	16/12/2019	20/12/2019

[View File](#)**CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES****7.1 - Institutional Values and Social Responsibilities**

7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institution)

Title of the programme	Period from	Period to
Walk to Dance By Tanushree Shankar	12/09/2019	12/09/2019
Unnat Bharat Abhiyaan (Awareness on women hygiene in rural areas around institute)	22/09/2020	22/12/2020
One Day Webinar by Art of Living : Balancing Peace and Success Amidst Chaos	03/06/2020	03/06/2020

7.1.2 - Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

NIL

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil

7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed
2019	1	1	23/09/2019	1	Unnat Bharat Abhiyaan	Universal Education: Distribution of Alphabet books and pencils in primary schools in rural areas
2019	1	1	23/09/2019	1	Unnat Bharat Abhiyaan	Awareness on Women Hygiene: Distribution of Sanitary Kits to the Health Centers Schools in Rural Areas
2019	1	1	12/09/2019	1	Swachh Bharat Abhiyaan	Cleaning and hygiene
2020	1	1	21/02/2020	1	Unnat Bharat Abhiyaan	Basic Needs: Distribution of Clothes to the needy and poor school children
2020	1	1	03/03/2020	1	Blood donation camp	collection of blood

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7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct	05/06/2019	<p>CODE OF CONDUCT PURPOSE It is vital to the success we conduct ourselves with integrity and honesty compliance with all applicable legal and regulatory This Code of Conduct sets out the fundamental standards followed by employees in their everyday actions on behalf of the Organisation. Further guidance on the Organisation's specific areas will be provided through related policies and guidelines. SCOPE This policy applies to all employees, within all portals, regions, areas, and departments. POLICY Each NSHM employee must: I. Conduct in the Organisation with honesty and integrity and in a professional manner that protects the NSHM's good public image and reputation. II. Maintain positive relationships with students and their wards, vendors, and fellow employees based on trust and treat every</p>

with respect and dignity. III. Become familiar with with legal requirements, organisation's policy, and IV. Avoid any activities that could involve or involvement in any unlawful practice or any harm to reputation or image. V. Avoid actual or potential interests with the Organisation, or the appearance all transactions. VI. Provide accurate and reliable in records submitted, safeguard the confidential information respect the confidential information of other parties colleagues, in a nutshell with whom we deal with

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	
Discussion session on Academic Ethics and NEP	19/07/2019	19/07/2019	
National Youth Day	12/01/2020	12/01/2020	
Constitution Day	26/11/2019	26/11/2019	
Blood Donation Camp	03/03/2020	03/03/2020	
Independence Day	15/08/2019	15/08/2019	
Republic Day	26/01/2020	26/01/2020	
Swachh Bharat Abhiyaan	12/09/2019	12/09/2019	

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7.1.7 - Initiatives taken by the institution to make the campus eco-friendly (at least five)

Upkeep of Greenery: Tree plantation is the major concern of the man maintain the pristine purity and beauty of the college and to provide atmosphere for the academic and non-academic pursuits. The barren agri on which the Institute is situated is transformed with plantation into flora and fauna. Felling of one tree for the construction of building growing academic requirements is replaced by planting a few trees on Horticultural staff periodically supervises the maintenance of the ex: and locating places for planting new trees. Nurturing Plants is one horticulture pursuits that develop eco-concern among the students horticulture personnel plant, water, and weed and maintain the plants herbs and trees. Yearly addition of trees to the green campus is the with Forest Department, Government of West Bengal. Personal experience seeds, watering plants, preparing and using organic manure, removing has ecologically sensitized the faculty and students of this Institute air amphitheater serves as a green background for college level functions lounge for students at lunch break and evening hours. Paper cups are coffee joints inside campus to say no to "Plastic". The canteens ecofriendly materials to avoid polluting the environment. The trees form canopy of bright green verdure cordoning off the academic blocks in a tranquility. Pedestrian Friendly avenues: Proper pedestrians are cons: the students and faculties. The parking areas for cars and bicycles are placed at different gates to control the traffic and keep the campus

free. Open space parking zones are made to keep the campus ecofriendly; trees have been planted in the parking areas to keep the vehicles in eco-friendly. Initiatives taken by the institution to make campus ecofriendly are: 1. Clean Campus 2. Bharat Abhiyaan 2. Clean Campus Green campus 3. Say No to "Plastic" 4. Composting 5. Harvesting 5. Only LED lights to be used

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

Title: NSHM SOCIAL RESPONSIBILITY COMMUNITY ENGAGEMENT OBJECTIVES OF NSHM

NSHM was established with the express intent of catering to the growth of the rural community for decent technical education, development and growth. The attainment of this cherished goal NSHM has been regularly launching initiatives that carry forward the onus of upliftment of the neighboring rural community. Several programs regarding the banking awareness in the rural areas have been initiated by NSHM. Another intention of these activities is to inculcate an honest concern for the delicately poised health, hygienic, social conditions prevailing in rural Bengal. NSHM regularly promotes and arranges donation camps, health and hygiene camps in the campus to help the rural community.

CONTEXT Engagement with community is one of the core values of NSHM. It is this belief that the institute was established in a rural area on the outskirts of Durgapur, in Arrah village. The guiding principle of the institute is to connect and connect with a predominantly agrarian neighborhood. In line with the 12th plan guidelines of UGC, NSHM established a number of committees and cells to promote and sustain various extension activities. A number of activities successfully organised by the students and faculty of NSHM have made a distinct contribution to the development of knowledge in the field of social service, community engagement. They inculcate the spirit of social responsibility and prepare the youth for the new world citizenship. Every year the institute organises the following CSR activities: • Book Donation • Blood Donation • Health Check Up camp • Health Check-up camp • Swad O Pushti (Mid-Day meal service) • Tree plantation • Community meal for locals • Employment camps

Apart from the above regular activities, the institute has also catered to the following CSR activities in the last couple of years: Development of roads, construction of bus stand, Swachh Bharat Abhiyaan, ATM centre outside the campus. The institute also has a free eye check up lab for the locals all throughout the year. The institute is also a member of the Unnat Bharat Abhiyan under the PRACTICE The major categories of programmes fall into 1) Health and Youth training 3) Environment (Clean and Green) 4) Distribution/Distribution of Equipment and commodities. NSHM has organized training programs, health camps, clean and green programmes and various categories of distribution of equipment and commodities over last five years. Apart from the above activities, the institute has also catered to the following CSR activities in the last couple of years: Development of roads, construction of bus stand, Swachh Bharat Abhiyaan, ATM centre outside the campus. The institute also has a free eye check up lab for the locals all throughout the year. Health and hygiene is considered the three major problem areas that affect the rural population of our region.

Despite major initiatives taken by successive Governments with the active participation of the NGOs, it still remains one of the biggest challenges for us. Starting in a small way with blood donation camps, NSHM gradually expanded to larger programmes like Eye camps, Health Care etc. which covered a large

of villages. NSHM also aimed at developing the employment of the local the Arrah, Shibtala region in order to improve the health and living the locals and give them local employment. From the experience and t gained about the inclinations of the clientele and the expertise in deployment of resources we took up a much larger project to provide health to locals in nearby villages. The main aims of the project wer the local school cooks and train them on more nutritional food in the given by the government. The faculties of NSHM went not only to the lo to the different districts of west Bengal to enlarge the scope of the and benefit the children of west Bengal. A cyclic menu was also desig and recommended at the same cost which would give more choices of nutrition value. The second most important area that NSHM paid attent clean and green initiative popularized by the Central Government. U series of plantation drives were taken up in the campus. Plant a Tree Green campus are awareness programs highlighting the importance of co species for providing balance in this universe. Also, the programmes the role played by greenery in controlling the temperature and delayin warming process. NSHM conducted a series of academic and technical programmes in collaboration with Government scheme under NSHM Skills (Prime Minister Skill and Kaushal Vikas Yojna) and Non-Government Orga as Rotract Club. These included donate a book, donate clothes, Skill d unemployed youth, Skill development for self-help groups, etc. The e friendly cutlery is being introduced so that the reusable plate and sp be used thus avoiding the use of environmental unfriendly cups and p Diwali to control air pollution and sound pollution named "Alok Varsl organised in the institute. Eco-friendly Holi using recycled material organised in the institute. Title: ICT applications to academic and a functions Objectives of the Practice These two factors combined deri activities in educational process in which ICT is or can be implement to streamline them and to try to identify some common points and share it is proposed to group them in three sets of objectives (i) To f Independent as well as Interactive teaching and learning. (ii) To enha knowledge transfer in classroom with various electronic gadgets. (iii) a reliable, secure and user friendly business solution in order to productivity, increase efficiency, decrease cost and streamline proces Integrating ICT in Education is a relatively new concept and educat across the globe are trying to find the right balance for necessary c Self-paced learning has taken a different dimension. The process of everyday education is very complicated. The opportunities provided support teaching and learning are not problem-free. The barriers may l into two major categories of extrinsic and intrinsic barriers. Extrin are first-order and cited access time, support, resources and tra intrinsic barriers as second-order and cited attitudes, beliefs, pr resistance. However the above challenges were skilfully met and ICT wa in NSHM Knowledge Campus. Practice Higher education in India is exp major transformation in terms of access and quality. The same is high by swift development of ICT. Other relevant parameters viz. Management Pedagogy and Quality are also transforming equally. ICT is an umbrel that includes any communication device or application including but n Radio, TV, Cell Phone, Computer, Network, Hardware, Software etc. E Blended Learning and Distance Learning have emerged as key categories

and Training. The use of ICT at NSHM is evident from the following :

Hardware Infrastructure Network and Security Infrastructure Fortigate3 place which ensures filtered bandwidth for students as well as tea

Extreme Core Switch X460G2 controls all the distribution switches wh

responsible for managing VLAN in the campus. All the PCs are prote

Kaspersky Endpoint security. Wi-fi Infrastructure Selected Wi-fi fac

available in - 1.NSHM Front Office 2.NSHM Conference Room 3.NSHM Se

4.NSHM Mind Tree 5.NSHM Central Library 6.NBS Staff Room 7.OLD NFET (

8.OLD NFET Staff Room1 9.OLD NFET Staff Room3 10.OLD NFET Second Floor:

Ground Floor 12.NEW NFET First Floor Brief description of IT fac:

1.Centralized Computer labs with 24X7 internet facility 2.Domain log

[active directory] 3.Virtual data storage facility (individual) 4.Co

storage facility to share data among themselves 5.Central web filter:

6.Centralized Antivirus 7.Bandwidth management facility 8.Centralize

system (power backup) 9.Central Windows update facility 10.Cloud based

11.Pocket based WiFi facility since 2007 , updated in 2017 E-gover

governance through TCS iON ERP system has been implemented for most of

The details are stated below The iON Digital Campus Solution comprise

of offerings, starting from Enquiry by a prospective candidate till h

from the campus. It also provides support services which facilitate Di

Upload details of two best practices successfully implemented by the institution as per NAAC institution website, provide the link

<https://goidgp.nshmc.com/best-practices.php>

7.3 - Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision, thrust in not more than 500 words

Institutional Distinctiveness The institute is committed to emerge as hub of global excellence through prioritizing its efforts in delivering products and services in the academic domain as well as developing in high-caliber professionals. Evidently, the development of leadership matter significantly in meeting the stated objectives. In accordance vision and priorities, the institute has been always taking the in directed to the area of nurturing Skill backed Leadership Quality students. All along its journey, the institute has consistently worl grooming the student's academic and overall personality. The focus is them into successful and excellent professionals in their respecti Institute has also thrived to give the students an international outlo with international companies. The institute also encourages in enhanc and development in students and faculties. This has been implemente series of initiatives for providing an exposure to the external en Innovative Practices Arranging curriculum projects in industries, for students undertake projects in reputed business houses under mentorsh: members. It spans for about 3 to 6 months of rigorous work in live e Conducting industry/field visits where the students get an exposure production processes. Students earlier visited Ultra Tech Cements, Sup Supreme, ITC Sonar, Shoppers Stop. Student and Faculty Empowerment Al co-curricular and extracurricular activities orient the student tow inherent value enrichment. There is lot of hard work rendered join

students and our faculty members to accomplish this mission. The results and exercises are also quite encouraging – a large number of our students placed in many reputed industries acting as the ambassadors of our institution, bringing laurels to their alma mater. Faculties are provided with incentive duty leave for research projects. Additional Outcome based CO/PO attainment helped in upbringing excellence in education quality. ERP implementation further boosted all round development of students. It is a matter of great pride that the institute has been able to sustain such hard earned reputation. This is due to the institution's ability to adapt itself to the changing needs of the world without losing touch with its core values. The institute is dedicated to the constant endeavor of creating a stimulating teaching learning environment that equips students with the knowledge and skills required to face the challenges of the global business environment. At the same time, it is committed to a deep sense of social responsibility and self discipline in its students. The institute strives to cultivate a warm, cordial and mutually supportive relationship with its stakeholders.

Provide the weblink of the institution

<https://goidgp.nshh.com/institutional-distinctiveness.php>

8.Future Plans of Actions for Next Academic Year

In this massive online shift while we still might be in a structured format, there is a need to reposition. In view of this, the following Plan is for the next academic session.

1. Database creation on Online Teaching Learning pedagogy- Organization of workshop for E-content development at a large scale duration to promote the use of E-resources among all faculty members. Implementation of Learning Management System (LMS) for regular teaching, learning and evaluation related activities by all teachers will be encouraged.
2. More stress on NPTEL courses for students for continuing learning during the pandemic.
3. Encourage students towards Research- Promoting participation of students in seminars, workshops, sports and cultural activities.
4. Activity driven learning model for Online teaching pedagogy.
5. Organization of online workshops, seminars and oriented services by the CRTT (Placement Unit). The college plans to organize interviews by local companies and also organize interactive sessions of students with skilled professionals and alumni.
6. Organization of online workshops and workshop by the IQAC to promote the quality improvement strategies in learning, research, extension related and co-and extracurricular activities.
7. Encouraging faculty members to complete their doctoral degrees and to engage in research activities through quality publications and research projects.