NATIONAL INSTITUTE OF TECHNOLOGY GOA
Farmagudi, Ponda, Goa – 403401

Phone No: 0832-2404200, Fax No: 2402202

MINUTES OF 13th MEETING OF THE SENATE

Date	:	27th September 2019
Time	:	05:00 P.M
Venue	:	Conference Hall, NIT Goa

Proceedings of the 13th meeting of the SENATE of NIT Goa held on 27th September 2019 at 05:00 PM in Conference Hall, National Institute of Technology Goa.

Senate Members

1	Prof. Gopal Mugeraya	Director, NIT Goa	**Chairman Senate**
2	Prof. Rajat Gupta	Director, NIT Mizoram, Professor Dept. of Mechanical Engineering, NIT Silchar, Assam	**External Member**
3	Mrs. Jyoti Vijay	Executive Director & Chief Corporate Relations, BSBS Business Academy, A Unit of BSBS Knowledge Ventures Pvt. Ltd, Bangalore	**External Member**
4	Prof. Airody Vasudeva Adhikari	Professor, Dept. of Chemistry, NIT Karnataka, Surathkal	**External Member**
5	Dr. Vasantha M.H.	Registrar (I/C)	Member & Secretary
6	Dr. Veena Thenkanidiyoor	Dean (Academics)	Member
7	Dr. Velavan Kathirvelu	Dean(Student Welfare)	Member
8	Dr. P. Saidi Reddy	Dean(Faculty Welfare)	Member
9	Dr. B. Venugopal Reddy	Dean(Research & Consultancy)	Member
10	Dr. Purushothama B. R.,	Dean(Planning and Development)	Member
11	Dr. Sarani Ghoshal M.	Dean(Institutional Relations & Alumni affairs)	Member
12	Dr. Nithin Kumar Y.B.	HoD,ECE	Member
13	Dr. Ragoju Ravi	HoD, HS	Member
14	Dr. Amol Rahulkar	HoD, EEE	Member
15	Dr. Keshavamurthy B.N.	HoD, CSE	Member
16	Dr. C.Vyjayanthi	HoD, CVE and MCE	Member

Registrar
National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Secretay Senate

Director
National Institute of Technology, Goa
GCE Campus, Farmagudi, Ponda,
GOA - 403 401

Chairman Senate

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Registrar
National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401
Secretary Senate

Director
National Institute of Technology, Goa
GCE Campus, Farmagudi, Ponda,
GOA - 403 401
Chairman Senate

A.1 **To consider and recommend the list of students of 2013-17 batch of B. Tech for the award of degree in the 5th Convocation**

One student from 2013-2017 batch of B.Tech. is recommended for the award of B.Tech. degree in the 5th Convocation who has completed all the requirements towards the award of degree. The detail of the student is given in ANNEXURE I (Page No. 9)

Dept.	No. of students appeared for the final examination	No. of students eligible for the award of degree			Total No. of Students
		CGPA 8.5 and above (Distinction)	CGPA 6.5 and above but less than 8.5 (First Class)	Less than 6.5 CGPA	
CSE	0	0	0	0	0
EEE	0	0	0	0	0
ECE	1	0	0	1	1
TOTAL	**1**	**0**	**0**	**1**	**1**

Senate may recommend the proposed name for the award of the BTech degree.

Resolution of the Senate:

Senate recommended the proposed name to the board for the award of the BTech degree.

A.2 **To consider and recommend the list of students of 2014-18 batch of B. Tech for the award of degree in the 5th Convocation.**

Two students from 2014-18 batch of B.Tech. are recommended for the award of B.Tech. degree in the 5th Convocation who have completed all the requirements towards the award of degree. The list of students proposed for the award of B.Tech. degree is given in ANNEXURE I (Page No. 9)

Dept.	No. of students appeared for the final examination	No. of students eligible for the award of degree			Total No. of Students
		CGPA 8.5 and above (Distinction)	CGPA 6.5 and above but less than 8.5 (First Class)	Less than 6.5 CGPA	
CSE	1	0	0	1	1
EEE	2	0	1	0	1
ECE	0	0	0	0	0
TOTAL	**3**	**0**	**1**	**1**	**2**

Senate may recommend the proposed names for the award of the BTech degree.

Resolution of the Senate:

Senate recommended the proposed names to the board for the award of the BTech degree.

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A.3 **To consider and recommend the list of students of 2015-19 batch of B. Tech for the award of degree in the 5th Convocation.**

Total 66 students from 2015-19 batch of B.Tech. are recommended for the award of B.Tech. degree in the 5th Convocation who have completed all the requirements towards the award of degree. The list of students proposed for the award of B.Tech. degree is given in ANNEXURE I (Page No. 10-13)

Dept.	No. of students appeared for the final examination	No. of students eligible for the award of degree			
		CGPA 8.5 and above (Distinction)	CGPA 6.5 and above but less than 8.5 (First Class)	Less than 6.5 CGPA	Total No. of Students
CSE	25	9	15	1	25
EEE	19	5	12	0	17
ECE	24	8	16	0	24
TOTAL	**68**	**22**	**43**	**1**	**66**

Senate may recommend the proposed names for the award of the BTech degree.

Resolution of the Senate:
Senate recommended the proposed names to the board for the award of the BTech degree.

A.4 **To consider and recommend the names of medal recipients of 2015-19 batch of B. Tech. who will be honored in 5th Convocation.**

There will be one Gold medal called Director's Medal for academic topper of the Institute. There will be three Gold medals for the toppers in each department. The names and details of the recipients are given in the following table.

Sl. No.	Medal Name	Dept.	Reg. No.	Student Name	CGPA
1	Director's Gold Medal	EEE	15EEE1009	CHOUKEKAR KAUSTUBH KIRAN	9.42
2	Gold Medal	CSE	15CSE1023	SUCHITH C PRABHU	9.25
3	Gold Medal	EEE	15EEE1009	CHOUKEKAR KAUSTUBH KIRAN	9.42
4	Gold Medal	ECE	15ECE1031	SHIRODKAR PUSHKAR BIPIN	9.39

Senate may recommend the proposed names for the presentation of the medals of the Institute.

Resolution of the Senate:
Senate recommended the proposed names to the board for the award of the medals of the Institute.

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Secretary Senate

Director
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A.5 **To consider and recommend the list of candidates of 2017-19 batch of M. Tech. to be awarded with degree in the 5th Convocation.**

Total 40 students from 2017-19 batch of M.Tech. are recommended for the award of M.Tech. degree in the 5th Convocation who have completed all the requirements towards the award of degree. The list of students proposed for the award of M.Tech. degree is given in ANNEXURE II (Page No. 14-16)

Specialization	No. of students appeared for the final examination	No. of students eligible for the award of degree			
		CGPA 8.5 and above (Distinction)	CGPA 6.5 and above but less than 8.5 (First Class)	Less than 6.5 CGPA	Total No. of Students
CSE	9	3	6	0	9
PEPS	16	6	9	0	15
VLSI	16	7	9	0	16
TOTAL	**41**	**16**	**24**	**0**	**40**

Senate may recommend the proposed names for the award of the MTech degree.

Resolution of the Senate:

Senate recommended the proposed names to the board for the award of the MTech degree.

A.6 **To consider and recommend the names of medal recipients of 2017-19 batch of M. Tech. who will be honored in 5th Convocation.**

There will be one Gold medal called Director's Medal for academic topper of the Institute. There will be three Gold medals for the toppers in each department. The names and details of the recipients is given in the following table.

Sl. No.	Medal Name	Dept.	Reg. No.	Student Name	CGPA
1	Director's Gold Medal	CSE	17CSE2010	PATIL SHRAVANI MAHESH	9.75
2	Gold Medal	CSE	17CSE2010	PATIL SHRAVANI MAHESH	9.75
3	Gold Medal	EEE	17EEE2006	LAKSHMI SREEKUMAR	9.58
4	Gold Medal	ECE	17ECE2006	N PURUSHOTHAM REDDY	9.02

Senate may recommend the proposed names for the presentation of the medals of the Institute.

Resolution of the Senate:

Senate recommended the proposed names to the board for the award of the medals of the Institute.

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Secretary Senate

Director
National Institute of Technology, Goa
GEC Campus, Farmagudi, Ponda,
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A.7   To consider and recommend the list of candidates to be conferred with the Ph.D. degree of the Institute

Two students are recommended for the award of Ph.D. degree in the 5th Convocation who has completed all the requirements towards the award of degree. The details of the students are given in ANNEXURE III (Page No. 17)

Department	No. of students eligible for the award of degree
CSE	2
Total	2

Senate may recommend the proposed names for the PhD degree of the Institute.

Resolution of the Senate:
Senate recommended the proposed names to the board for the award of the PhD degree.

A.8   To recommend the award of "Honoris Causa" for the eminent personality

It is proposed to confer the "Honoris Causa" degree of the Institute to Prof. Sunil Kumar Singh, recipient of Shanti Swaroop Bhatnagar Award, Director of CSIR-National Institute of Oceanography for his contributions in the field of Applied Sciences, Geochemistry, Marine & Himalayan Ecology and Societal Commitments. His CV is available in Annexure V (Page No.16)

Senate may recommend the proposed name for the award of the "Honoris Causa" degree of the Institute.
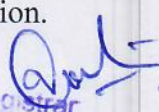
Resolution of the Senate:
Senate recommended the proposed name to the board for the award of the "Honaris Causa" degree of the Institute.

A.9   Additional items, if any, with permission of the Chairman, Senate

In the 12th meeting of Senate the following proposal was approved.
To provide opportunity for in-service candidates (technical staff) for improving their knowledge/qualification it is proposed to allow them to register for relevant MTech programme (under sponsored category) provided the candidates meet the selection norms (qualifying degree and percentage of marks) for the said programme. However, the candidate willing to opt for this option is allowed to do so without compromising the regular workload. The duration of proposed part-time MTech programme will be minimum 3 years and a maximum of 4 year.

In continuation with the above resolution, the following selection norms are proposed for deliberation.

- A candidate seeking admission to MTech programme possessing a Bachelor's degree in relevant discipline(s) may be considered for admission.
- A candidate seeking admission to MTech programme and not having a Bachelor's degree in relevant discipline(s), the following eligibility criteria is proposed.

Department	Programme	Eligible Bachelor's Degree or Equivalent	Eligible GATE subject against each of the Eligible UG degree
CSE	CSE	Master of Computer Application (MCA)	Computer Science and Information Technology – (CS)
CSE	CSE	Electronics and Communication Engineering	Computer Science and Information Technology – (CS)
EEE	PEPS	Electronics Engineering/Electronics and Communication Engineering/Instrumentation Engineering/Electronics and Instrumentation Engineering/Instrumentation and Process Control/Electrical and Computer Engineering/Other Electrical Engineering related branches	Electrical Engineering (EE)
ECE	VLSI	B.E. degree other than in Electronics and Communication Engineering	Electronics and Communication Engineering-(EC)

Senate may deliberate and approve the same.

Resolution of the Senate:
Senate approved the same.

S.1   To consider and recommend name of a student for the award of PhD degree

One student from the Department of CSE whose details are given below is also recommended for the award of the PhD degree of the Institute in the 5ᵗʰ Convocation who has completed all the requirements towards the award of the degree.

Reg. No	Name	Gender	Title
15CSE3003	Mr. Patil Rajendra Shivaji	Male	"Designing an Out-of-VM Monitoring Framework for Securing Virtual Environment of Cloud Computing"

Senate may recommend the proposed name for the award of PhD degree of the Institute

Resolution of the Senate:
Senate recommended the proposed name to the board for the award of the PhD degree.

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Farmagudi, Ponda-Goa 403401   National Institute of Technology, Goa
Secretary senate   GCE Campus, Farmagudi, Ponda,
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NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2013-2017(PASSING OUT IN 2019)
DEPARTMENT: ELECTRONICS AND COMMUNICATION ENGINEERING

BACHELOR OF TECHNOLOGY

S.No.	Reg. No.	Name	Gender	CGPA
1.	13ECE046	PEDDABAVI SHIVA PRASAD	MALE	6.16

NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2014-2018(PASSING OUT IN 2019)
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

BACHELOR OF TECHNOLOGY

S.No.	Reg. No.	Name	Gender	CGPA
1.	14CSE1011	MADHU SUDAN MEENA	MALE	5.58

NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2014-2018(PASSING OUT IN 2019)
DEPARTMENT: ELECTRICAL AND ELECTRONICS ENGINEERING

BACHELOR OF TECHNOLOGY

S.No.	Reg. No.	Name	Gender	CGPA
1.	14EEE1075	NAIK SHIRODKAR SHIVAM VIJAYANAND	MALE	6.54

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NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2015-2019
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

BACHELOR OF TECHNOLOGY

S.No.	Reg. No.	Name	Gender	CGPA	
1.	15CSE1023	SUCHITH C PRABHU	MALE	9.25	
2.	15CSE1025	NAIK KARMALI TEJAN NARESH	MALE	9.12	
3.	15CSE1036	SAWANT SHRIRAJ PRAMOD	MALE	8.88	
4.	15CSE1030	DIPENDRA BHATT	MALE	8.81	
5.	15CSE1037	VARAN SHUKLA	MALE	8.80	
6.	15CSE1003	ANAND SINGH	MALE	8.60	
7.	15CSE1028	VINAYAK G BHAT	MALE	8.54	
8.	15CSE1001	ABDUL SHOEB ABDUL GAFFAR PATEL	MALE	8.53	
9.	15CSE1013	NISHIKANT SINGH	MALE	8.53	
10.	15CSE1007	HRUSHIKESH RAMESH HANBAR	MALE	8.48	
11.	15CSE1010	KAMALIA UTTAMKUMAR ALKESH	MALE	8.28	
12.	15CSE1026	VALVAIKER VAIBHAV PANDURANG	MALE	8.28	
13.	15CSE1018	RAMCHANDANI SAHIL HARESH	MALE	8.26	
14.	15CSE1005	H P PRANAAV	MALE	8.01	
15.	15CSE1032	KEYUR ROHIT	MALE	7.85	
16.	15CSE1031	INAPALA NAGA SIVA SAI KRISHNA	MALE	7.83	
17.	15CSE1019	MOVVA SAI CHAITHANYA	MALE	7.79	

S.No.	Reg. No.	Name	Gender	CGPA	
18.	15CSE1027	VARSHA S BASANAIK	FEMALE	7.41	
19.	15CSE1006	HARSHAL PATEL	MALE	7.17	
20.	15CSE1015	RAJ RAVINDRA BHANDARKAR	MALE	7.13	
21.	15CSE1009	JOEL JUSTIN	MALE	7.11	
22.	15CSE1033	MANVENDRA SINGH GURJAR	MALE	7.07	
23.	15CSE1017	SAAHIL GANGADHAR RANE	MALE	6.90	
24.	15CSE1024	SURESHBHAI NIKUDIYA	MALE	6.90	
25.	15CSE1021	SHUBHAM P BORKAR	MALE	6.41	

NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2015-2019
DEPARTMENT: ELECTRICAL AND ELECTRONICS ENGINEERING
BACHELOR OF TECHNOLOGY

S.No.	Reg. No.	Name	Gender	CGPA	
1.	15EEE1009	CHOUKEKAR KAUSTUBH KIRAN	MALE	9.42	
2.	15EEE1012	PAURANA MOHIT RIKESH	MALE	8.95	
3.	15EEE1026	KERKAR VISHWA NITISH	FEMALE	8.80	
4.	15EEE1001	AKSHAYATA RAO	FEMALE	8.68	
5.	15EEE1016	PUPPALA SRI SAI SAMPATH	MALE	8.66	
6.	15EEE1010	KRANTHI PANUGANTI	MALE	8.44	
7.	15EEE1023	SOHAM ARUN KAMAT DHAKANKAR	MALE	8.44	
8.	15EEE1025	VEDANG ACHARYA	MALE	8.25	
9.	15EEE1021	SINGIREDDY POOJA REDDY	FEMALE	8.08	

S.No.	Reg. No.	Name	Gender	CGPA
10.	15EEE1018	SANDHYA RAHANGDALE	FEMALE	8.06
11.	15EEE1028	M J JEFFIN	MALE	7.99
12.	15EEE1015	PUNABHAKU MUNEENDRA	MALE	7.85
13.	15EEE1022	GAONKAR SNEHAL FONDU	MALE	7.75
14.	15EEE1011	LALIT	MALE	7.50
15.	15EEE1027	JAYA KUMARI	FEMALE	7.01
16.	15EEE1004	AMIT CHOUDHARY	MALE	6.58
17.	15EEE1007	GURPREET SINGH	MALE	6.50

NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2015-2019
DEPARTMENT: ELECTRONICS AND COMMUNICATION ENGINEERING
BACHELOR OF TECHNOLOGY

S.No.	Reg. No.	Name	Gender	CGPA
1.	15ECE1031	SHIRODKAR PUSHKAR BIPIN	MALE	9.39
2.	15ECE1007	RANE DHARMA PARASHURAM	MALE	9.28
3.	15ECE1022	SACHIN B KADAM	MALE	8.98
4.	15ECE1001	ABHISHEK MAURYA	MALE	8.90
5.	15ECE1017	NITHIN LAKSHMISHA	MALE	8.86
6.	15ECE1012	KISHAN SHUKLA	MALE	8.72
7.	15ECE1020	GOVEKAR RAJAT RAGHUVIR	MALE	8.72
8.	15ECE1032	SHREYAS NATARAJ	MALE	8.58
9.	15ECE1030	PINJALA SAMBASIVA RAO	MALE	8.47
10.	15ECE1006	DEEPTI	FEMALE	8.45
11.	15ECE1016	NEELANJANA PAUL	FEMALE	8.42
12.	15ECE1011	KATTA HARI HARAN	MALE	8.32
13.	15ECE1021	GAONKAR ROHAN RATNAKAR	MALE	8.20
14.	15ECE1029	IKKURTHI SRI SAI RAGHU KUMAR	MALE	8.12
15.	15ECE1018	ORUGANTI SUMANTH	MALE	8.04

Senate Meeting, 27ᵗʰ September 2019

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Minutes

16.	15ECE1026	PADWAL VIRAJ RAMESH	MALE	7.76
17.	15ECE1015	MEGILICHARLA VENKATRUKESH	MALE	7.68
18.	15ECE1009	FLAVIN LEE JOHN	MALE	7.51
19.	15ECE1003	AJIT KUMAR	MALE	7.46
20.	15ECE1024	SAUVIK SENAPATI	MALE	7.45
21.	15ECE1027	ARUSH KUMAR	MALE	7.10
22.	15ECE1013	MANUVIKAS C	MALE	7.02
23.	15ECE1014	MAUMITA DAS	FEMALE	6.68
24.	15ECE1010	KANWAL JEET SINGH	MALE	6.67

Registrar
National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Secretary senate

Director
National Institute of Technology, Goa
GCE Campus, Farmagudi, Ponda,
GOA - 403 401

Chairman Senate

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NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2017-2019
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING
MASTER OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

S.No.	Reg. No.	Name	Gender	CGPA
1.	17CSE2010	PATIL SHRAVANI MAHESH	FEMALE	9.75
2.	17CSE2003	KANNADASAN K	MALE	8.84
3.	17CSE2006	NEHA TIWARI	FEMALE	8.52
4.	17CSE2004	MADHAV KHATRI	MALE	8.38
5.	17CSE2008	RICHA	FEMALE	7.66
6.	17CSE2005	MADHU PERKIN T	MALE	7.59
7.	17CSE2001	WAGHMARE AMRAPALI MILIND	FEMALE	7.33
8.	17CSE2009	SANDEEP DURGAPRASAD JANGIR	MALE	6.98
9.	17CSE2011	VISHWAS KUMAR	MALE	6.83

NATIONAL INSTITUTE OF TECHNOLOGY GOA
BATCH: 2017-2019
DEPARTMENT: ELECTRICAL AND ELECTRONICS ENGINEERING
MASTER OF TECHNOLOGY IN POWER ELECTRONICS AND POWER SYSTEMS

S.No.	Reg. No.	Name	Gender	CGPA
1.	17EEE2006	LAKSHMI SREEKUMAR	FEMALE	9.58
2.	17EEE2012	ROHIT KUMAR JAIN	MALE	9.36
3.	17EEE2001	ARYA C N	FEMALE	8.89
4.	17EEE2008	GAGLANI MIHIR VIJAYKUMAR	MALE	8.89

S.No.	Reg. No.	Name	Gender	CGPA
5.	17EEE2010	RASHMI RAI	FEMALE	8.88
6.	17EEE2003	PARATE BHUSHAN PADMAKAR	MALE	8.8
7.	17EEE2002	BHARATH KUMAR MUKKA	MALE	8.33
8.	17EEE2016	VADDALAPU MANIDEEP	MALE	8.27
9.	17EEE2009	UPPUTURI RAJENDRA PRASAD	MALE	8.14
10.	17EEE2007	MARAKA ISRAYELU	MALE	7.97
11.	17EEE2004	KATRU VIKASH VARMA	MALE	7.78
12.	17EEE2013	RUPESH TUKARAM THOMBRE	MALE	7.45
13.	17EEE2005	KORRA ESWAR NAIK	MALE	7.22
14.	17EEE2014	SAKHARE ABHILASH RAMESH	MALE	6.8
15.	17EEE2015	SOMPALLI REENA SHAILY	FEMALE	6.67

NATIONAL INSTITUTE OF TECHNOLOGY GOA

BATCH: 2017-2019

DEPARTMENT: ELECTRONICS AND COMMUNICATION ENGINEERING

MASTER OF TECHNOLOGY IN VLSI

S.No.	Reg. No.	Name	Gender	CGPA
1.	17ECE2006	N PURUSHOTHAM REDDY	MALE	9.02
2.	17ECE2007	PRAISE GEORGE	MALE	9.02
3.	17ECE2012	SHILPA JOSEPH	FEMALE	8.86
4.	17ECE2014	MESTRY SOURABH SUDHAKAR	MALE	8.78
5.	17ECE2004	CHETAN V GAKHARE	MALE	8.73
6.	17ECE2015	CHANDAKA SUSHMA	FEMALE	8.69

7.	17ECE2010	SANJAY NATH H	MALE	8.55
8.	17ECE2003	CHAITHANYA YADAV D	MALE	8.28
9.	17ECE2011	VYAS SATENDRAPRATAP RAJBAHADUR	MALE	8.22
10.	17ECE2005	DERIN M JACOB	MALE	7.94
11.	17ECE2009	REDDY CHAITANYA	MALE	7.91
12.	17ECE2013	YADAV SHWETA KEVALAPRASAD	FEMALE	7.84
13.	17ECE2016	SHAHANE TEJAS JAGDISH	MALE	7.64
14.	17ECE2002	BIPUL BORO	MALE	7.59
15.	17ECE2008	RAHUL E	MALE	7.19
16.	17ECE2017	THOTAKURA PRADEEP RAJ	MALE	7.02

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Chairman senate

NATIONAL INSTITUTE OF TECHNOLOGY GOA
(PASSING OUT IN 2019)
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

DOCTOR OF PHILOSOPHY

S.No.	Reg. No.	Name	Gender	Title
1	15CSE3002	MAINAK BISWAS	MALE	" Advances in Single-Label and Label Distribution Learning: Methods and Applications"
2	15CSE3006	SEEMA WAZARKAR	FEMALE	"Social Image Mining for Fashion Analysis"

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__Annexure IV__

<u>Prof. Sunil Kumar Singh,</u> Shanti Swarup Bhatnagar Awardee, Director of CSIR- National Institute of Oceanography and an alumnus of Physical Research Laboratory, Ahmedabad

<u>Brief Introduction:</u> Prof. Sunil Kumar Singh a geochemist was born on 16th March 1971. He has done BSc (Hons) in Physics and MSc (Tech) in Geophysics from Banaras Hindu University, Varanasi. Prof. Singh has pursued his PhD degree from Physical Research Laboratory, Ahmedabad under the specialization Isotope Geochemistry. Prior to becoming the Director of CSIR-National Institute of Oceanography he served as professor at Physical Research Laboratory, Ahmedabad.

Prof Singh is the recipient of many scholarship and awards such as National Geoscience Award in Basic Geoscience, Eminent Mass Spectroscopy Award, Fellow of Indian Academy of Sciences and Indian National Science Academy. The Council of Scientific and Industrial research (CSIR) in 2016 awarded Prof Singh with Shati Swarup Bhatnagar award, one of the highest multidisciplinary science awards in India, for his contributions to Earth, Atmosphere, Ocean and Planetary Sciences

<u>Contribution</u>

- Studies on low temperature elemental and isotope geochemistry
- Marine geochemistry, specifically in the area of biochemical cycles of trace metals in deep sea
- Micronutrients and their role in global climate, ocean productivity, marine ecology
- Evolution of Himalayas and its role in modulating global climate

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GCE Campus, Farmagudi, Ponda,
GOA - 403 401

Director

Seretary senat   Chairman Senate

BIO-DATA OF PROF. SUNIL KUMAR SINGH

Prof. Sunil Kumar Singh was born on 16th March 1971, at Aurangabad, Bihar. He completed his Graduation and Masters from Banaras Hindu University, Varanasi and PhD from Physical Research Laboratory, Ahmedabad. He was a Post Doctoral fellow at CRPG-CNRS, Nancy France for three years. He served at Physical Research Laboratory at various capacity such as reader, Associate Professor, and Professor and moved to CSIR-NIO to take over the Directorship on 27th June 2017.

Prof. Singh is an elemental and isotope biogeochemist and has played a significant role on studies on low temperature elemental and isotope geochemistry and his researches have assisted in widening the understanding on the evolution of the Himalayas and its role in modulating the long-term global climate. His studies revealed the coupling among climate-erosion-tectonic over the Himalaya. He provided reliable ages of some of the sedimentary sequences of India for the first time using novel radiometric systematics. His studies have been documented in several peer-reviewed articles.

Prof. Singh's present research interests are Biogeochemistry of Trace Elements and Isotopes (TEIs)in the Indian and Southern Oceans and in the Indian Estuaries; Low temperature elemental and isotope geochemistry; Erosion and weathering studies in the Indian River System; Long-term carbon cycle.

Currently he is leading the GEOTRACES - INDIA programme to unravel the importance of micro-nutrients in controlling the ocean productivity, marine ecology and global climate change. His team has established clean sampling and measurement protocols and mapped micro-nutrients in the majority of the Indian Ocean, which was beyond imagination few years back.

Prof. Singh is a former Scientific Steering committee member and the incumbent member of the Data Management Committee of GEOTRACES, an international forum for research on the marine biogeochemical cycles of trace elements and isotopes. He served as a member, editorial board of the journal, Chemical Geology and Frontiers in Marine Biogeochemistry. He was also a member for Research planning committee of second International Indian Ocean Expedition (IIOE-2), Scientific Committee on Ocean Research (SCOR). He provided his services as the Chair of Patterson Award Committee, Geochemical Society, an international body for awarding bright researchers.

He has guided 8 Ph.D. Students and 10 Post-Doctoral Fellows and currently supervising 7 Ph.D. students.

He is a recipient of the Shanti Swarup Bhatnagar award, one of the highest Indian science awards for his contributions to Earth, Atmosphere, Ocean and Planetary Sciences in 2016. He received the National Geosciences Award (2012) and The Eminent Mass spectrometry Award, 2014.

- He is elected fellow of Indian National Science Academy, New Delhi and Indian Academy of Sciences, Bengaluru.