

चौदहवीं सिनेट बैठक का कार्यवृत्त

**MINUTES OF THE 14th SENATE MEETING OF
IIT MANDI**

4th October, 2017



भारतीय प्रौद्योगिकी संस्थान मण्डी

कमांद- 175005, हिमाचल प्रदेश

Indian Institute of Technology Mandi

Kamand – 175005, Himachal Pradesh

**INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND, HIMACHAL PRADESH**



14th SENATE MEETING OF IIT MANDI

4th October, 2017

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INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 14th Senate Meeting of IIT Mandi held on 4th October, 2017 in A1 NKN Room, Kamand Campus of IIT Mandi at Kamand.

The following members were present:

In the Chair

Prof. Timothy A. Gonsalves, Director, IIT Mandi

Members:

Prof. B. D. Chaudhary, Dean (Academics) & Emeritus Professor, SCEE, IIT Mandi

Prof. Ramesh Oruganti, Emeritus Professor, SCEE, IIT Mandi

Prof. Subrata Ray, Visiting Distinguished Professor, SE, IIT Mandi

Prof. Rowena Robinson, Dept. of HSS, IIT Bombay (Attended the meeting through NKN)

Dr. Subrata Ghosh, Dean (I&S), IIT Mandi

Dr. Suman Kalyan Pal, Dean (Students), IIT Mandi

Dr. Vishal Singh Chauhan, Dean(F&A) I/c /Associate Dean(F&A), IIT Mandi

Dr. Samar Agnihotri, Dean (SRIC) I/c / Associate Dean(SRIC), IIT Mandi

Dr. Anil Sao, Chairperson I/c, SCEE, IIT Mandi

Dr. Prasanth P. Jose, Chairperson, SBS, IIT Mandi

Dr. Rajeev Kumar, Chairperson, SE, IIT Mandi

Dr. Shyamasree Dasgupta, Nominee of Chairperson, SHSS, IIT Mandi

Dr. Venkata Krishnan, Co-ordinator, AMRC & Associate Dean (Research), IIT Mandi

Dr. Tulika P. Srivastava, Co-ordinator, BioX & Associate Dean(Recruitment), IIT Mandi

Dr. Pradeep Parameswaran, Associate Dean (Course), IIT Mandi

Dr. Varun Dutt, Associate Dean (International Relations) & Chief Warden, IIT Mandi

Dr. Astrid Kiehn, Chair, Library Advisory Committee (LAC), IIT Mandi

Mr. Naresh Singh Bhandari, Deputy Librarian, IIT Mandi (in absence of Librarian)

Dr. Dileep A. D., CIG- CSE, IIT Mandi

Dr. K. V. Uday, Nominee of Dr. Deepak Swami, CIG- CE, IIT Mandi

Dr. Rahul Vaish, Associate Professor, SE, IIT Mandi

Dr. Viswanath Balakrishnan, Assistant Professor, SE, IIT Mandi

Dr. Shyam Kumar Masakapalli, Assistant Professor, SBS, IIT Mandi

Dr. Devika Sethi, Assistant Professor, SHSS, IIT Mandi

Dr. Suman Sigroha, Assistant Professor, SHSS, IIT Mandi

* Ms. Manushree, Student Research Affairs Secretary, IIT Mandi

* Mr. Rakde Anurag Keshav, Student General Secretary, IIT Mandi

Er. Sushil Kumar, , Registrar & Secretary, Senate, IIT Mandi

Following Senate members could not attend the meeting:

Prof. Deepak Khemani, Dean (Faculty) & Visiting Faculty, SCEE, IIT Mandi

* The student members were present only for items 14.1, 14.2, 14.5 – 14.7.

Prof. Kenneth E. Gonsalves, Distinguished Visiting Professor, SBS, IIT Mandi
Prof. Bhavender Paul Sharma, Adjunct Professor, SHSS, IIT Mandi
Prof. Sunil R. Kale, Professor, Department of Mechanical Engineering, IIT Delhi
Prof. N. Sathyamurthy, Director, IISER Mohali
Dr. Satinder K. Sharma, Co-ordinator , C4FED, IIT Mandi
Dr. Arnav Bhavsar Vinayak, SAP Advisor, IIT Mandi
Dr. Dhiraj V. Patil, CIG- ME, IIT Mandi
Dr. Kaustav Sarkar, Assistant Professor, SE, IIT Mandi
Dr. Manoj Thakur, Assistant Professor, SBS, IIT Mandi
Mr. J. Raghunath, Student Academic Affairs Secretary, IIT Mandi

In addition, the Senate meeting was also attended by the following faculty/staff members of IIT Mandi:-

Dr. Enakshi Bhattacharya, Visiting Faculty, SCEE, IIT Mandi (Special Invitee)
Dr. Shubhjit Roy Chowdhury, Assistant Professor, SCEE
Shri Suresh Rohilla, Assistant Registrar (Academics)

The Chairman Senate extended a warm welcome to all the Senate members for attending the 14th Senate meeting of the Institute with special thanks to Prof. Rowena Robinson, Department of Humanities and Social Sciences, IIT Bombay, member of the Senate for sparing her time in a very busy schedule. He appreciated her regular presence and contribution for the Senate meeting. He also welcomed Dr. Enakshi Bhattacharya, Visiting Faculty, SCEE as Special Invitee and the newly selected students' representatives.

The Chairman in his speech informed the Senate about the 5th Convocation Function of the Institute scheduled to be held on 7th October, 2017. He intimated that Shri Banmali Agrawala, President & C.E.O., G.E. South Asia, the Chief Guest of the function has joined TATA Sons as President on 1st October, 2017 and Shri Subodh Bhargava, Chairperson Board of Governors of the Institute will be the Guest of Honour.

Then the agenda items were taken up.

Item No. 14.1: To confirm the minutes of the 13th Senate meeting held on 15th June, 2017.

The Senate confirmed the minutes of its 13th meeting held on 15th June, 2017.

Item No. 14.2: To receive a Report on the actions taken to implement the decisions of the 13th Senate meeting held on 15th June, 2017.

The Senate noted the action taken on implementation of decisions taken in its 13th meeting held on 15th June, 2017.

Item No. 14.3: To consider the award of Ph.D., M.S. (by Research), M.Tech., M.Sc. (Chemistry), and B.Tech/B.Tech Honours degree to the registered students who have completed all the requirements of the degree:

The Senate was informed that the 5th Convocation of the Institute is scheduled to be held on 7th October, 2017 (Saturday) at Kamand Campus. Shri Banmali Agrawala, President, TATA Sons has kindly consented to be the Chief Guest.

Further, the Senate considered the award of degree to 22 Ph.D., 07 M.S. (by Research), 04 M.Tech., 18 M.Sc. (Chemistry) and 116 B.Tech. (including 114 from 2013, 01 from 2012 and 01 from 2011 batch) which includes 04 B.Tech. Honours students, who fulfilled all the requirements for the award of the degree during the 5th Convocation.

The summary information with regard to the various degrees is as under:

a) Doctor of Philosophy (Ph.D.)

The following twenty two Ph.D. scholars have completed all the requirements for the award of the degree of 'Doctor of Philosophy' including submission of the final approved thesis.

Sl. No	Name & Roll No.	Date of Joining/ Date of Completion	Thesis Title	Guide(s)	Thesis Examiners	Viva- Voce Board
1	Navneet Singh (D10003)	DoJ: 20.10.2010 DoC: 08.03.2017	Electronic and Structural Studies of Transition Metal Oxides	Dr. Bindu Radhamany	Prof. Priya Mahadevan (Centre of Basic Sciences, Satyendra Nath Bose National Centre for Basic Science, Kolkata) Prof. Fujimori Atsushi (Dept. of Physics, Graduate School of Science, Tokyo, Japan)	Dr. Hari Varma Prof. Priya Mahadevan Prof. Lalit Malhotra Dr. Bindu Radhamany
2	Pushpendra Kumar (D10004)	DoJ:19.10.2010 DoC: 13.01.2017	Energy and Electron Transfer as Probe of the Interfacial Interaction between Quantum Dot and Organic Molecule	Dr. Suman Kalayan Pal	Prof. K George Thomas (Dept. of Chemistry, IISER Thiruvanthapuram) Prof. Ken Ghiggino (School of Chemistry, The University of Melbourne, Australia)	Dr. Prasanth P. Jose Dr. K. George Thomas Dr. Subhasis Panja Dr. Suman Kalayan Pal
3	Hemant Jalota (D10007)	DoJ:19.10.2010 DoC: 03.02.2017	Soft Computing Approaches For Portfolio Optimization: An Empirical Study	Dr. Manoj Thakur	Prof. Patrick Siarry (Universite Paris-Est Creteil Val-de-Marne, France) Dr. V Mani (Dept. of Aerospace Engineering, IISc Bangalore)	Dr. Prasanth P. Jose Dr. V. Mani Dr. Aparna Mehra Dr. Manoj Thakur
4	Abhishek Gupta (D11018)	DoJ: 01.08.2011 DoC: 14.02.2017	Doped and Functionalization Carbon	Dr. Chayan Kanti Nandi	Prof. Prasanta K. Das (Dept. of Biological Chemistry,	Dr. Prasanth P. Jose Dr. Prasanta K. Das

			Dots for Ultrasensitive and Highly Selective Toxic Metal Ions, Biothiols and Neurotransmitter Recognition		IACS Kolkata) Prof. Magdalena Titirici (School of Engineering and Material Sciences, Queen Marry University of London)	Dr. Ajay Soni Dr. Chayan Kanti Nandi
5	Raj Kumar (D11019)	DoJ: 31.07.2011 DoC: 16.03.2017	A Novel Evaporation Assisted Solvent Antisolvent Interaction Method for the Nanocrystalization of Organic Compounds	Dr. Prem Felix Siril	Prof. Rajesh N. Dave (Dept. of Chemical, Bio Chemical and Pharmaceutical Engineering, New Jersey Institute of Technology, USA) Prof. Anil K Singh (Dept. of Chemistry, IIT Bombay)	Dr. Prasanth P. Jose Prof. Anil Kumar Singh Dr. Pramod Soni Dr. Prem Felix Siril
6	Sunil Kumar (D11020)	DoJ: 31.07.2011 DoC: 01.03.2017	Understanding the structure-Optical Property Relationship in New Organic materials: Design, Synthesis and OLED Applications	Dr. Subrata Ghosh	Prof. J.A. Gareth Williams (Dept. of Chemistry, Durham University, UK) Dr. Mahesh Hariharan (School of Chemistry, IISER Trivendrum)	Dr. Prasanth P. Jose Prof. Mahesh Hariharan Dr. Prabal Banerjee Dr. Subrata Ghosh
7	Manisha Devi (D11021)	DoJ: 31.07.2011 DoC: 22.03.2017	Development of New Fluorescent Chemosensors for various Analytes and Their Evaluation as Molecular Logic Gates	Dr. Pradeep Parameswaran	Dr. Santanu Pal (Dept. of Chemistry, IISER Mohali) Prof. Cheal Kim (Seoul National University of Science and Technology, Republic Korea)	Dr. Prasanth P. Jose Dr. Santanu Kumar Pal Dr. Rajendra Srivastva Dr. Pradeep Parameswaran
8	Lakshmanan S A (D11037)	DoJ: 17.08.2011 DoC: 07.08.2017	Design and Performance Analysis of Grid Connected Solar PV System	Dr. Bharat Singh Rajpurohit Dr. Amit jain	Prof. Mahesh Kumar Mishra (Dept. of Electrical Engineering, IIT Madras) Prof. Jeaho Choi (School of Electrical Engineering, Chungbuk National University, South Korea)	Dr. Anil K. Sao Prof. Mahesh Kumar Mishra Prof. Ramesh Oruganti Dr. Bharat Singh Rajpurohit Dr. Amit jain

9	Reena Sharma (D11039)	DoJ: 31.01.2012 DoC:12.07.2017	Phytochemical Investigations of Roylea Cinerea and Its Applications	Dr. P.C. Ravikumar Dr. Aditi Halder	Prof. Dr. Randolph Arroo (Reader in Phyto-chemistry, Leicester School of Pharmacy, UK) Dr. Dattareya Dethe (Dept. of Chemistry, IIT Kanpur)	Dr. Prasanth P. Jose Dr. Dattareya Dethe Dr. Sripada SV Ramasastry Dr. P.C. Ravikumar Dr. Aditi Halder
10	Rajeev Kumar (D11043)	DoJ: 31.01.2012 DoC:12.07.2017	Design and Performance Analysis of Multi- Terminal DC Microgrid	Dr. Bharat Singh Rajpurohit	Prof. S.P. Singh (Dept. of Electrical Engineering, IIT Roorkee) Prof. Ross Baldick (Dept. of Electrical and Computer Engineering, University of Texas at Austin)	Dr. Anil K. Sao Prof. S.P. Singh Prof. Ramesh Oruganti Dr. Bharat Singh Rajpurohit
11	Darsi Rambabu (D12055)	DoJ: 25.06.2012 DoC: 12.07.2017	Metal Organic Materials (MOMs) for Environmental, Biological and Catalytic Applications	Dr. Abhimanew Dhir Dr. Pradeep Parameswaran	Prof. V. Manivannan (Dept. of Chemistry, IIT Guwahati) Prof. Nobuhiko Iki (Graduate School of Environmental Studies, Tohoku University, Japan)	Dr. Prasanth P. Jose Dr. V. Manivanan Dr. Kailasam Kamalakannan Dr. Abhimanew Dhir Dr. Pradeep Parameswaran
12	Shilpa Sharma (D12057)	DoJ:13.06.2012 DoC: 22.08.2017	Synthesis and photo- Physical Properties of Carbazole and Benzimidazole Based Fluorescent Derivatives	Dr. Pradeep Parameswaran Dr. Abhimanew Dhir	Dr. Muniappan Sankar (Dept. of Chemistry, IIT Roorkee) Prof. Katsuhiko Ariga (Centre of Materials, Nano Architectonics, NIMS Ibaraki, Japan)	Dr. Prasanth P. Jose Dr. M.Shankar Dr. Subhankar Chatterjee Dr. Pradeep Parameswaran Dr. Abhimanew Dhir
13	Swati Tyagi (D12072)	DoJ: 05.07.2012 DoC: 23.12.2016	Analysis of Neural Network models of Integer and Non-Integer Order	Dr. Syed Abbas	Dr. Jaydev Dabas (Dept. of Applied Sc. & Enginnering, IIT Roorkee) Prof. Loannis K. Argyros (Dept. of Mathematical Sciences, Cameron University, USA)	Dr. Manoj Thakur Dr. Jaydev Dabas Prof. M. Saleem Dr. Syed Abbas

14	Yashwant Kashyap (D12079)	DoJ: 31.07.2012 DoC: 22.08.2017	Solar Radiation Assessment and Forecasting over India in the Presence of Dust and Fog Activity	Dr. Anil K Sao	Prof. Elias (Lee) Stefanakos (Electrical Engineering Clean Energy Research Centre, University of South Florida, USA) Dr. Rangan Banerjee (Dept. of Energy Science, and Engineering, IIT Bombay)	Dr. Rajeev Kumar Prof. Rangan Banerjee Prof. S.S. Chandel Dr. Ankit Bansal Dr. Anil K Sao
15	Pankaj Gaur (D13006)	DoJ: 29.07.2013 DoC: 07.08.2017	Structurally Engineered Biocompatible Molecular Probes For Live Cell-Imaging and Localization of Native DNA	Dr. Subrata Ghosh	Prof. Parameswaran K. Iyer (Dept. of Chemistry, IIT Guwahati) Prof. Yi Pang (Dept. of Chemistry, University of Akron, USA)	Dr. Prasanth P. Jose Prof. P.K. Iyer Dr. Joydev Laha Dr. Subrata Ghosh
16	Srimanta Mandal (D13014)	DoJ:19.10.2010 DoC:13.07.2017	Novel Approaches For Super Resolution of Intensity/Range Image Using Sparse Representation	Dr. Anil K Sao	Prof. Subhasis Chaudhuri (Dept. of Electrical Engineering, IIT Bombay) Dr. Vijayan K. Asari (University of Dayton, USA)	Dr. A.D. Dileep Prof. Subhasis Chaudhuri Prof. Deepak Khemani Dr. Anil K. Sao
17	Pravindra Kumar (D12074)	DoJ: 05.07.2012 DoC: 22.09.2017	Performance Improvement in Orthogonal Frequency Division Multiplexed Based Optical Communication Systems	Dr. Satyajit Thakor	Dr. Virander Kumar Jain (Dept. of Electrical Engineering, IIT Delhi) Dr. Vinod Vokkarane (Electrical and Computer Engineering, University of Massachusetts Lowell, USA)	Dr. Bharat Singh Rajpurohit Dr. Virander Kumar Jain Dr. Shree Prakash Singh Dr. Satyajit Thakor
18	Gurinderber Singh (D11044)	DoJ: 31.01.2012 DoC: 27.09.2017	Innovations in Energy Management of Induction Machine Based Industrial Plants	Dr. Bharat Singh Rajpurohit	Prof. Mahesh Kumar Mishra (Dept. of Electrical Engineering, IIT Madras) Prof. Ramakrishna Gokaraju (Dept. of Electrical and Computer Engineering, University of Saskatchewan, Canada)	Dr. Anil K Sao Prof. Mahesh Kumar Mishra Prof. Ramesh Oruganti Dr. Bharat Singh Rajpurohit

19	Robin Khosla (D13011)	DoJ: 29.07.2013 DoC: 04-10-2017	Alternate High-k Dielectrics for Next-Generation CMOS Logic and Memory Technology	Dr. Satinder K. Sharma	Prof. Nandita Das Gupta (Dept. of Electrical Engineering, IIT Madras) Prof. Ashok Srivastava (Division of Electrical and Computer Engineering, Louisiana State University, U.S.)	Dr. Anil K Sao Prof. Nandita Dasgupta Prof. Enakshi Bhattacharya Dr. Satinder K. Sharma
20	Himmat Singh Kushwaha (D12081)	DoJ: 07-08-2012 DoC: 04-10-2017	Photocatalytic and Electrocatalytic Investigations on Perovskite-based Materials for Energy and Environmental Applications	Dr. Rahul Vaish	Dr. Ranjith Ramadurai (Dept. of Material Science & Metallurgical Engineering, IIT Hyderabad) Prof. Jacob Jones (Dept. of Material Sc. & Engineering, North Carolina State University, USA)	Dr. Rajeev Kumar Dr. Ranjith Ramadurai Dr. Aditi Halder Dr. Rahul Vaish
21	Reena Singh (D10014)	DoJ: 01-01-2011 DoC: 04-10-2017	An Access Control Perspective To Sharing Data in a Federation	Prof. T. A. Gonsalves	Dr. Venkata Ramana Badarla (CSE Dept. IIT Jodhpur) Dr. Alan Davy (Waterford Institute of Technology, Ireland)	Prof. Ramesh Oruganti Dr. Venkata Ramana Badarla Dr. Nitin Auluck Prof. T. A. Gonsalves
22	Renu (D12084)	DoJ: 27-02-2013 DoC: 04-10-2017	Magnetism And Magnetolectric Effect In Thin Films And Bilayers Of Chromia	Dr. Arti Kashyap	Prof. Maciej Krawczyk (Head of Nano-material Physics Dept., Adam Mickiewicz University in Poznam, Poland) Prof. Alok Shukla (Dept. of Physics, Bennett University, Noida)	Dr. Prasanth P. Jose Prof. Alok Shukla Dr. Satinder K Sharma Dr. Arti Kashyap

b) Master of Science (M.S. (by Research))

The following seven M.S. scholars have completed all the requirements for the award of the degree of Master of Science (M.S. (by Research)) including submission of the final approved thesis.

Sl. No	Name & Roll No.	Date of Joining/ Date of Completion	Thesis Title	Guide(s)	External Examiners	Academic Progress Committee
1	Tulika Agarwal (S13001)	DoJ: 29.07.2013 DoC:09.05.2017	Secure Analog Network Coding in the presence of a Single Eavesdropper	Dr. Samar Agnihotri	Prof. Ketan Rajawat (Dept. of Electrical Engineering, IIT Kanpur) Prof. Brijesh Kumar Rai (Dept. of EEE, IIT Guwahati)	Dr. Bharat Singh Rajpurohit Dr. Samar Agnihotri Dr. Muslim Malik Dr. Satyajit Thakor
2	Munender Kumar (S13002)	DoJ: 29.07.2013 DoC:13-04-2017	Independent Subspace Analysis for Activity Recognition and Fine-Grained Classification	Dr. Renu M Rameshan	Prof. Santanu Chaudhary (Dept. of Electrical Engineering, IIT Delhi) Prof. Nikhil R. Pal (Electronics and Communication Sciences Unit, ISI, ECSU Kolkata)	Dr. Anil K. Sao Dr. Renu M Dr. Arnav Bhavsar Dr. Padamanabhan Rajan Dr. Prasanth P. Jose
3	Vishal Goel (S13003)	DoJ: 29.07.2013 DoC:03.05.2017	A Stream-Based Scalable Algorithm For Formal Concept Analysis	Dr. B. D. Chaudhary Dr. Sriram Kailasam	Prof. Sanjay Kumar Jain (Dept. of Computer Engineering, NIT Kurukshetra) Dr. Vikram Goyal (Dept. of CSE, IIIT Delhi)	Dr. Bharat Singh Rajpurohit Dr. B.D. Chaudhary Dr. Sriram Kailasam Dr. A.D. Dileep
4	Kartik Gupta (S14002)	DoJ: 01.08.2014 DoC:07.02.2017	Human Action Analysis: Novel Methods and Perspectives	Dr. Arnav Bhavsar	Prof. C.V. Jawahar (IIIT Hyderabad) Dr. Anurag Mittal (Dept. of CSE, IIT Madras)	Dr. Anil K. Sao Dr. Arnav Bhavsar Dr. Samar Agnihotri Dr. C.S. Yadav
5	Shah Vishrut Sunil (S14007)	DoJ:13.08.2014 DoC: 17.01.2017	Numerical and Experimental Study of Bistable Piezoelectric Energy Harvester	Dr. Mohammad Talha Dr. Rajeev	Prof. Anindya Chatterjee (Dept. of Mechanical Engineering, IIT Kanpur) Prof. Ranjan Ganguli	Dr. Rajeev Kumar Dr. Mohammad Talha Dr. Vishal Singh Chauhan Dr. Rahul Vaish Dr. Prasanth P. Jose

				Kumar	(Dept. of Aerospace Engineering, IISc Bangalore)	
6	Gaurav Chetal (S15014)	DoJ:13.04.2016 DoC:18.09.2017	Quality Control Approaches For Metagenomic Data Analysis	Dr. Tulika P. Srivastava	Dr. Ravi Shankar (Dept. of Bio-Technology, CSIR, Palampur) Dr. Debashish Dash (CSIR New Delhi)	Dr. Chayan Kanti Nandi Dr. Ravi Shankar Dr. Tulika Srivastava
7	Ashutosh Patel (S14006)	DoJ:13.08.2014 DoC:20.09.2017	Design and Fabrication of Fully Automated Experimental Setups For Characterization of Thermoelectric Materials	Dr. Sudhir K. Pandey	Dr. Anjan K. Gupta (Dept.of Physics, IIT Kanpur) Dr. P. R. Sagdeo (Dept. of Physics, IIT Indore)	Dr. Rajeev Kumar Dr. Sudhir Pandey Dr. Mohammad Talha Dr. Kaustav Mukherjee Dr. Arpan Gupta

c) Master of Technology in Energy Engineering with specialization in Materials (M.Tech. (Energy Engineering))

The following four M.Tech. students have completed all the requirements for the award of the degree of Master of Technology in Energy Engineering with specialization in Materials (M.Tech. (Energy Engineering)). Their names and Roll. Nos. are as given below:

Sl. No.	Roll No.	Student Name
1	T15001	Sidhant Kumar
2	T15002	Vikrant
3	T15004	Abhijeet Seth
4	T15005	Rajgaurav

d) Master of Science in Chemistry (M.Sc. (Chemistry))

The following eighteen M.Sc. (Chemistry) students have completed all the requirements for the award of the degree of Master of Science in Chemistry (M.Sc. (Chemistry)):

Sl. No.	Roll No.	Student Name
1	V15001	Akshita Sharma
2	V15002	Parveen Kumar
3	V15003	Ganga Singh
4	V15004	Deepak Kumar
5	V15005	Sanjhal Jain
6	V15006	Navneet Matharoo
7	V15007	Shubham Biswas
8	V15008	Swadhapriya Bhukta
9	V15009	Tapas Adhikary
10	V15010	Anu Kumari
11	V15011	Kanika Bharti
12	V15012	Shivani Verma
13	V15013	Vicky Varma
14	V15014	Ankita Dhiman
15	V15015	Mohammad Ashraf
16	V15016	Priyanka Negi
17	V15017	Sudhanshu Sharma
18	V15018	Tushar Verma

e) B.Tech. Honours Degree:

The following four B.Tech. students have completed all the requirements for the award of Honours degree of Bachelor of Technology (B.Tech. Honours):

Sl. No.	Roll No.	Student Name	Branch	Degree Awarded
1	B13103	Abhishek Pandey	CSE	B.Tech Honours in Computer Science & Engineering
2	B13136	Samriddhi Jain	CSE	B.Tech Honours in Computer Science & Engineering
3	B13218	Paawan Mukker	CSE	B.Tech Honours in Computer Science & Engineering
4	B13226	Sanjeev Khare	EE	B.Tech Honours in Electrical Engineering

f) Bachelor of Technology (B.Tech.) in Computer Science and Engineering:

The following fifty students have completed all the requirements for the award of the degree of 'Bachelor of Technology' in Computer Science and Engineering. Of these, three students have completed B.Tech. with honours, nine students have completed the requirements for the degree with 'Minor in Management' and one student has completed the requirements for the degree with 'Minor in Applied Physics':

Sl. No.	Roll No.	Student Name	Degree Awarded with
1	B13101	Abhay Singh	--
2	B13102	Abhimanyu Mittal	Minor in Management
3	B13103	Abhishek Pandey	Honours
4	B13104	Ahmed Abdul Kareem Karanath	--
5	B13105	Ajay Kumar Meena	--
6	B13106	Aman Gupta	--
7	B13107	Amit Kumar	Minor in Management
8	B13108	Ankur Sardar	--
9	B13109	Ankush Jindal	Minor in Management
10	B13110	Arpit Krishna	--
11	B13111	Ayush Garg	--
12	B13112	Ayush Kumar Yadav	--
13	B13113	Banda Bharathkumar	--
14	B13114	Chandan Purbia	--
15	B13115	Chandra Jeet Nagar	--
16	B13116	Deepanshu Sapra	--
17	B13117	Deepanshu Gupta	--
18	B13118	Depinder Preet Singh	Minor in Management
19	B13119	Farah Anjum	Minor in Applied Physics
20	B13120	Ghanshyam Yadav	--
21	B13121	Gopal Krishan Aggarwal	Minor in Management

22	B13123	Kansul Mahrifa C Abdurahiman	--
23	B13124	Karavadi Toyaz Sai Madhav	--
24	B13125	Karre Nitin	--
25	B13127	Mayank Kishore	--
26	B13129	Naman Gupta	--
27	B13130	Prateek Rajdev	--
28	B13131	Priyanka Mahawar	--
29	B13133	Nitesh Kumar	--
30	B13134	Rohit Bishnoi	--
31	B13135	Sagar Ghai	Minor in Management Honours
32	B13136	Samriddhi Jain	Minor in Management Honours
33	B13137	Shivansh Sapra	--
34	B13138	Shruti Garg	Minor in Management Honours
35	B13139	Tarani Hitesh Mahendra	--
36	B13140	Vemula Yaminee Jyothsna	--
37	B13141	Vinod Kumar	--
38	B13204	Ashish Kumar Bedi	Minor in Management Honours and Minor in Management
39	B13218	Paawan Mukker	Minor in Management Honours and Minor in Management
40	B13225	Samya Ranjan Patro	--
41	B13231	Shubham Chandel	--
42	B13234	Swapnil Sharma	--
43	B13235	Tushar Gupta	--
44	B13305	Aswin Kumar A	--
45	B13312	Himanshu Singal	--
46	B13318	Mukarram Tailor	--
47	B13327	Rishabh Narang	--
48	B13334	Sparsh Saurabh	--
49	B13339	Vishwamangal	--
50	B11022	Mohit Kumar	--

g) Bachelor of Technology (B.Tech.) in Electrical Engineering:

The following thirty eight students have completed all the requirements for the award of the degree of 'Bachelor of Technology' in Electrical Engineering. Of these, one student has completed B.Tech with honours, one student has completed the requirements for the degree with 'Minor in Applied Physics' and thirteen students have completed the requirements for the degree with 'Minor in Management', out of these thirteen students, one student has completed the requirements for the degree also with 'Minor in German Language':

Sl. No.	Roll No.	Student Name	Degree Awarded with
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1	B13202	Akshat Gupta	Minor in Applied Physics
2	B13203	Ankur Gangwal	--
3	B13205	Avanish Kumar Yadav	Minor in Management
4	B13206	Avnish Kumar	--
5	B13208	Bandari Manoj Kumar	--
6	B13209	Deepika Chaudhry	--
7	B13210	G D S V V S S Sadwith	--
8	B13211	Gadipalli Siddhartha	--
9	B13212	Guntuku Vikas	--
10	B13213	Katta Guru Srivenkat	--
11	B13214	Kulendra Kumar Kaushal	Minor in Management
12	B13215	Md Tahseen Alam	--
13	B13216	Munindar Kumar Meena	Minor in Management
14	B13217	Narendra Kumar Meena	--
15	B13219	Pankaj Kumar	--
16	B13220	Rajat Valecha	Minor in Management
17	B13221	Rishabh Gehlot	--
18	B13222	Rishabh Trivedi	--
19	B13223	S Thejas Babu	Minor in Management
20	B13224	Sachin Chaudhary	--
21	B13226	Sanjeev Khare	Honours and Minor in Management
22	B13227	Saurabh Gangwar	--
23	B13228	Shiva Verma	--
24	B13229	Shivangi Kataria	--
25	B13230	Shri Kisna Mahajan	Minor in Management
26	B13232	Siddharth Gangal	Minor in German Language And Minor in Management
27	B13233	Sunil Choudhary	--
28	B13236	Tushar Jain	--
29	B13237	Vasudev Meena	--
30	B13238	Vipul Gupta	Minor in Management
31	B13239	Vivek Sharma	Minor in Management
32	B13126	Manish Kumar Meena	--
33	B13132	Pushpendra Kumar Meena	--
34	B13325	Raspreet Singh	--
35	B13319	Nikhil Kaushik	Minor in Management
36	B13321	Onkar Singh	Minor in

			Management
37	B13328	S V Jyothir Aditya	Minor in Management
38	B12085	Peram Akhil	--

h) Bachelor of Technology (B.Tech.) in Mechanical Engineering:

The following twenty eight students have completed all the requirements for the award of the degree of 'Bachelor of Technology' in Mechanical Engineering. Of these, three students has completed the requirements for the degree with 'Minor in Management' and one student has completed requirements for the degree with 'Minor in German Language':

Sl. No.	Roll No.	Student Name	Degree Awarded with
1	B13301	Alpna Tyagi	--
2	B13302	Ankit Kumar Meena	Minor in Management
3	B13303	Ankur Kumar Singh	--
4	B13306	Bhishm Tahiliani	--
5	B13307	D. Amar Simha Yadav	--
6	B13308	Gajendra Prajapati	--
7	B13309	Gaurav Kohali	--
8	B13310	Gaurav Prajapati	--
9	B13311	Harshit Kumar	--
10	B13313	Lalit Shakywal	--
11	B13314	M Shri Harikrishnan	--
12	B13315	Mahajan Karan Suryakant	Minor in Management
13	B13316	Manas Kumar	Minor in German Language
14	B13317	Mayank Tewatia	--
15	B13320	Nikhil Sasi Rajan	--
16	B13322	Pawan Kumar Meena	--
17	B13323	Pramod Verma	--
18	B13324	Prince Garg	--
19	B13326	Ravi Sirohi	--
20	B13329	Sagar Kumar Peddinti	--
21	B13330	Saket Saurabh	Minor in Management
22	B13331	Shailendra Pal Meena	--
23	B13332	Shaily Bansal	--
24	B13333	Sivarapu Aditya Krishna	--
25	B13335	Subhankar Das	--
26	B13336	Sumit Chahal	--
27	B13338	Vineet Yadav	--
28	B13340	Vashu Madaan	--

The Senate recommended the award of degrees to all the above research scholars/students for approval by the Board of Governors (BOG) and wished them a very bright future.

Item No. 14.4: To consider the award of Medals and Prizes to the winners among the graduands of B.Tech. 2013 and others awards, which are to be awarded during the 5th Convocation on 7th October, 2017.

Medals/Prizes	Awarded To	
	Name	Roll No.
President of India Gold Medal	Ms. Samriddhi Jain	B13136
Director's Gold Medal	Mr. Vivek Sharma	B13239
Institute Silver Medal: Computer Science and Engineering	Ms. Samriddhi Jain	B13136
Institute Silver Medal: Electrical Engineering	Ms. Shivangi Kataria	B13229
Institute Silver Medal: Mechanical Engineering	Mr. Prince Garg	B13324
Rani Gonsalves Memorial Medal	Ms. Shivangi Kataria	B13229
Balasundaram Endowment Prize in German Language	Mr. Siddharth Gangal	B13232
Others Awards		
M.Tech. in Energy Engineering - Outstanding Academic Achievement Award	None	-----
M.Sc. in Chemistry - Outstanding Academic Achievement Award	Mr. Mohamad Ashraf	V15015

The Senate recommended the award of Medals and Prizes to all the students mentioned above in various streams, for approval by the Board of Governors (BOG).

Further, on the recommendations of the Awards' Committee, the Senate decided that in future, all academic awards should be based on overall academic performance rather than based on CGPA.

The Senate commended the meticulous work of the Awards Committee chaired by Prof. Ramesh Oruganti in deciding between many excellent candidates.

Item No. 14.5: To consider new courses recommended by the Course Proposal Committee (CPC) and Board of Academics (BoA).

The Senate approved the following courses with modification in MA 591, MA 592 and CY 660;

Sl. No.	Course No.	Course Name	Proposed by	School
1	CS 507	Computer Architecture*	Prof. B. D. Chaudhary	SCEE
2	CS 562	Artificial Intelligence**	Prof. Deepak Khemani	
3	EE 523	Digital VLSI Architecture Design	Dr. Rahul Shrestha	

4	EE 524	Digital MOS LSI Circuits	Dr. Rajinikumar Ramalingam	SBS
5	EE 526	Power Semiconductor Devices	Dr. Ankush Bag	
6	EE 529	Embedded Systems	Dr. Shubhajit Roy Chowdhury	
7	EE 622	Microwave Integrated Circuits	Dr. Gopi Shrikanth Reddy	
8	MA 581	Project (Part-1)	Dr. Rajendra Kr. Ray	
9	MA 582	Project (Part-2)		
10	CY 660	Photocatalysis: Concepts and Applications	Dr. Venkata Krishnan	

Note:

* The course CS507 was approved in 12th Senate meeting held on 02/03/2017. The course name of CS507 has been changed to "Computer Architecture". Earlier it was named as "Advanced Computer Architecture". Credit structure has also been also changed from 3-0-0-3 to 3-0-2-4.

** This is an approved course from IIT Madras. This course was earlier offered/still offering with the course code CS305. Now onwards, this course will be offered with the new course code CS562.

The courses are enclosed as **Annexure –‘A’; Page No. 19 to 48.**

Item No. 14.6: To consider the One Time Approval (OTA)/Approval of the courses as per Senate approved nomenclature for the courses already taken up by the graduating students:

- a) The Associate Dean (Courses) presented a list of the courses taken by the graduating batch of students for one time approval by the Senate. The list is enclosed as **Annexure-‘B’; Page No. 49.** The Senate granted one time approval to these courses.
- b) Further, the courses taken by the students who had gone under Students Exchange Programmes at Foreign Universities were also considered. The list of courses is enclosed as **Annexure –‘C’; Page No. 50 to 53.** The Senate approved these courses.

Item No. 14.7: To consider the approval of revised criteria for award of Rani Gonsalves Memorial Medal.

The Senate considered the proposal submitted by the donor Prof. T.A. Gonsalves and approved the revised criteria as follows for award of Rani Gonsalves Memorial Medal:

"The female B.Tech. student who through her leadership and her exemplary accomplishments in academic and extra-curricular activities, consistently throughout her B.Tech., has advanced the status of women in B.Tech."

Item No. 14.8: Additional agenda items with the permission of the Chairman, Senate.

There were no other items for Senate's consideration.

Item No. 14.9: To report decisions / action taken by the Chairman of the Senate on behalf of the Senate.

The senate noted the decisions taken by the Chairman Senate on behalf of the Senate.

The meeting ended with a vote of thanks to the Chair and to Members.



Chairman, Senate



**Sushil Kumar
Registrar & Secretary, Senate**