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EXTRAORDINARY

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PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

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अधिसूचना

नई दिल्ली, 21 जुलाई, 2017

सा.का.नि. 947(अ).—केंद्रीय सरकार, राष्ट्रीय प्रौद्योगिकी, विज्ञान शिक्षा और अनुसंधान संस्थान अधिनियम, 2007 (2007 का 29) की धारा 26 की उपधारा (3) और उपधारा (4) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, कुलाध्यक्ष के पूर्वानुमोदन से राष्ट्रीय प्रौद्योगिकी संस्थान के पहले परिनियमों का और संशोधन करने के लिए निम्नलिखित परिनियम बनाती है, अर्थात् :--

1. (1) इन परिनियमों का संक्षिप्त नाम राष्ट्रीय प्रौद्योगिकी संस्थान का पहला परिनियम (संशोधन) परिनियम, 2017 है ।

   (2) ये उनके राजपत्र में प्रकाशन की तारीख से प्रवृत्त होंगे ।

2. राष्ट्रीय प्रौद्योगिकी संस्थान के पहले परिनियम (जिसे इसमें इसके पश्चात् मूल परिनियम कहा गया है) में परिनियम 6 के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :--

   "6 बोर्ड के आदेशों का सत्यापन

   बोर्ड के सभी आदेशों और विनिश्चयों का निदेशक, निदेशक की अनुपस्थिति में रजिस्ट्रार या इस निमित्त बोर्ड द्वारा प्राधिकृत व्यक्ति के हस्ताक्षर द्वारा सत्यापन किया जाएगा ।"।

3. मूल परिनियमों के परिनियम 8 में, खंड (13) के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :--

   "(13) बोर्ड को राज्य या देश, या विदेश के विभिन्न भागों में सुदूर शिक्षण नीति के माध्यम से ज्ञान के प्रसार के लिए सिफारिशें करना, और विदेशी अभिकरण के साथ करार पर हस्ताक्षर करने के मामलों में मंत्रालय के अनुमोदन से करार पर हस्ताक्षर किए जा सकेंगे ;"।

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"26.   SUSPENSION, PENALTIES, DISCIPLINARY PROCEEDINGS

The Central Civil Services (Classification, Control and Appeal) Rules, 1965 shall apply to all the employees.".

16.   For Statute 29 of the Principal Statutes, the following shall be substituted, namely:-

"29.   PROVIDENT FUND AND PENSION SCHEMES

Employees of the Institute appointed prior to 01.01.2004 will be governed by Central Civil Services (Pension) Rules, 1972 and General Provident Fund (Central Services) Rules, 1960 and the Employees appointed on or after 01.01.2004 will be governed by New Pension Scheme of the Central Government.".

17.   In the Schedule, after Schedule 'D' and the entries relating thereto, the following Schedule shall be inserted, namely:-

"Schedule 'E'

[See Statute 23 (5) (a)]

Qualification and other terms and conditions of appointment of Academic Staff

Sl.No.	Designation, Pay Band and Academic Grade Pay	Essential Qualification	Essential Requirements	Cumulative Essential Credit Points
(1)	(2)	(3)	(4)	(5)
1.	*Assistant Professor (On contract) Pay Band-3 with Grade Pay of Rs.6000	Ph.D.	NIL	NIL
2.	*Assistant Professor (On contract) Pay Band-3 with Grade Pay of Rs.7000	Ph.D.	one year post Ph.D. experience of Teaching and Research in Institution of repute or Industry	10
3.	*Assistant Professor Pay Band-3 with Grade Pay of Rs.8000 with a minimum pay of Rs.30000	Ph.D.	three years after Ph.D. or six years total teaching and research experience in reputed academic Institute or Research and Development Labs or relevant industry.	20
4.	Associate Professor Pay Band-4 with Grade Pay of Rs.9500 with a minimum pay of Rs.42800	Ph.D.	six years after Ph.D. of which at least three years at the level of Assistant Professor with Academic Grade Pay of Rs.8000; Or nine years total working experience, of which three years should be after Ph.D., with at least three years at the level of Assistant Professor with Academic Grade Pay of Rs.8000.	50
5.	Professor Pay Band-4 with Grade Pay of Rs.10500 with minimum pay of Rs.48000	Ph.D.	ten years after Ph.D. or thirteen years total working experience, out of which seven years should be after Ph.D. At least three years at the level of Associate professor with Academic Grade Pay of Rs.9500 or four years at the level of Associate Professor with Academic Grade Pay of Rs.9000 or combination of Rs.9000 and Rs.9500 or equivalent in an Institution of repute or Research & Development lab or relevant industry.	80

Sl.No.	Designation, Pay Band and Academic Grade Pay	Essential Qualification	Essential Requirements	Cumulative Essential Credit Points
(1)	(2)	(3)	(4)	(5)
6.	Professor (Higher Administrative Grade Scale) Rs.67000–79000	Ph.D.	Six years as Professor with Academic Grade Pay of Rs.10000 or Rs.10500 or a combination of Rs.10000 and Rs.10500 in an Institute of National Importance.	150

Note 1:

(1) Any change in the grade pay will be through open advertisement and on recommendation of duly constituted selection committee, except where specifically exempted in these rules.

(2) All new entrants shall have Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees.

(3) For existing faculty members who completed their Ph.D. along-with their normal teaching load of Institute or quality improvement programme, the enrolment period of Ph.D. will be counted as teaching experience.

(4) Contribution to Institute Administration shall be recommended by concerned Head or Chairman and approved by the Director. Contribution to departmental Administration shall be recommended by concerned Head and approved by the Director.

(5) For the departments which are not having any vacancy, movement in higher Academic Grade Pay or cadre shall be carried out as per specified selection process but it will be restricted to only for serving faculty members of the respective departments.

(6) The permanent faculty members who have put in more than ten years experience, but have not acquired Ph.D. qualification as on the date of these notification shall be mapped into four-tier flexible system as one time measure as per following norms:

(a) Permanent faculty with age fifty or above:

(i) The Assistant Professors with Academic Grade Pay of Rs.7000 shall be mapped at the level of Assistant Professor with Academic Grade Pay of Rs.8000, provided they have at least 10 credit points in their lifetime.

(ii) The Assistant Professors with Academic Grade Pay of Rs.8000 shall be mapped at the level of Associate Professor with Academic Grade Pay of Rs.9500, provided they have at least 25 credit points in their lifetime.

(iii) The Associate Professors with Academic Grade Pay of Rs.9000 shall be mapped at the level of Associate Professor with Academic Grade Pay of Rs.9500, provided they have at least 25 credit points in their lifetime:

Provided, they have been found suitable through a Selection Committee duly constituted under the Statutes.

(b) Permanent faculty members less than fifty years of age shall be sponsored for Ph.D. in any of the Indian Institutes of Technology or National Institutes of Technology duly provided a facility to take study leave of three-years from their respective National Institute of Technology and on completion of the Ph.D., they shall compete to get into the four tier system as per the new recruitment rules.

(7) For faculty in the Department of Architecture, following shall be essential qualification without insisting on credit point requirements at Assistant Professor level:

(i) M.Arch. or M.Plan. with one year professional experience: Assistant Professor at Academic Grade Pay of Rs. 6000;

(ii) M.Arch. or M.Plan. with two years of professional experience: Assistant Professor at Academic Grade Pay of Rs. 7000;

(iii) For higher cadres the educational qualifications and credit point requirement shall remain same as given in the table for Engineering and Sciences.

Note 2: Credit Point System

The following shall be the credit point system:

S.No.	Activity	Credits points
1.	One external Sponsored Research and Development Projects completed or ongoing or Patent granted	8 credit points per project or 8 credit points per patent as inventor (in case of more than one person in a Project, the Principal Investigator gets 5 credit points and the rest to the divided equally among other members)
2.	Consultancy projects	2 credit points @ Rs.5 lakhs of consultancy, subject to maximum of 10 Credit points
3.	Ph.D. completed (including thesis submitted cases)	8 credit points per Ph.D. student (in case there are more than one supervisor, then the Guide (1st Supervisor) gets 5 credit points per student and the rest to be divided equally among other supervisor
4.	One Journal papers in Science Citation Index or Scopus (Paid Journals not allowed)	4 point per paper since the last promotion. First author or Main supervisor will get 2 point and rest will be divided among others.
5.	One Conference paper indexed in Science Citation Index or Scopus or Web of science Conference or any internationally renowned conference	1 credit points per paper up to a maximum of 10 credit points. First author or Main Supervisor will get 0.6 and rest will be divided among the rest.
6.	Head of the Department, Dean, Chief Warden, Professor Incharge (Training and Placement), Advisor (Estate), Chief Vigilance Officer, PI (Exam), TEQIP (Coordinator)	2 points per semester up to a max of 16 credits points since the last promotion.
7.	Warden, Assistant wardens, Associate Dean, Chairman or Convener institute academic committees, Faculty In charge Computer Center or Information and Technology Services or Library or Admission or student activities and other Institutional activities	1 credit point per semester up to a maximum of 8 credits points since the last promotion.
8.	Chairman and Convener of different standing committee and special committee (Ex officio status will not be considered). Faculty incharges (Each for one year duration) of different Units or equivalent	0.5 credit point per Semesters up to a maximum of 3 credits points since the last promotion.
9.	Departmental activities identified by Head of the Department like lab in charges, or department level committee for a minimum period of one year.	0.5 credit point per Semesters up to a maximum of 3 credits points since the last promotion.
10.	Workshop or Faculty Development Program or short term courses of min 05 working days duration offered as coordinator or convener	2 credit points per course up to a maximum of 8 credits points since the last promotion.
11.	For conducting national programs like Global Initiative of Academic Networks etc. as course coordinator Program of two weeks duration Program of one week duration	2 credit points per course up to a maximum of 4 credit points since the last promotion. 1 credit point per course up to a maximum of 2 credit points since the last promotion.
12.	National or International conference organized as Chairman or Secretary	3 credit points per program up a maximum of 6 credits points since the last promotion.
13.	Length of service over and above the relevant minimum teaching experience required for a given cadre	2 credit points per semester with maximum of 10 credit points since the last promotion.
14.	Establishment of New Lab(s)	4 credit points since the last promotion.
15.	Theory Teaching of over and above 6 credit hrs. course	1 credit point or credit hrs. up to a maximum of 6 credit points since the last promotion.

S.No.	Activity	Credits points
16.	Post Graduate Dissertation guided	0.5 credit point per project to a maximum of 10 points since the last promotion.
17.	Under Graduate Projects	0.25 credit point per project up to a maximum of 4 points since the last promotion.
18.	Text or Reference Books published on relevant subjects from reputed international publishers	6 credit points per book up to a maximum of 18 points since the last promotion.
19.	Text or Reference book published on relevant subjects from reputed national publishers or book chapters in the books published by reputed international publishers	2 credit points per unit up to a maximum of 6 points since the last promotion.
20.	Significant outreach Institute out activities	1 credit point per activity up to a maximum of 4 credit points since the last promotion.
21.	Fellow IEEE, FNA, FNAE, FNASc	10 credit points
22.	Placement percentage (only for the placement cell officers or Faculty incharge of Placement)	
	Above 85%	4 credit points per year upto a maximum of 20 points since the last promotion.
	75% - 84% (% to be based on total number of students passing out and single job offer)	2 credit points per year upto a maximum of 10 points since the last promotion.

".

[F. No. 22 – 5/2006–TS. III]

R. SUBRAHMANYAM, Addl. Secy.

Note : The principal Statutes were published in the Gazette of India, Extraordinary, Part II, Section I, sub-section (i) *vide* notification number G.S.R. 280(E) dated the 23rd April, 2009 and subsequent amendment was published in the Gazette of India, Extraordinary, Part II, Section I, sub-section (i) *vide* notification number G.S.R. 837(E) dated the 5th November, 2015.

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Date: 2017.07.25 22:30:45 +05'30'

Details of desired Specializations required in various departments

S.No.	Name of the Department	Desired Specialization
1	Department of Architecture	**Architecture**-Architecture, Urban design, Sustainable architecture, **Planning**-Housing, Transport Planning, Urban Planning, City Planning, Town Planning, Environmental Planning, Regional Planning, **Others**-Construction management, Building Engineering Management, Landscape Architecture, Architectural Conservation, Building Science and Technology, Any other related field,
2	Department of Applied Geology	Petrology, Hydrogeology, Economic Geology and Engineering Geology
3	Department of Biotechnology Engg.	Molecular Biophysics, Metabolic Engineering, Genomics, Proteomics, Nano-biotechnology, Immunotechnology, Plant Biotechnology
4	Department of Biomedical Engg.	Tissue Engineering, Bioelectronics, Biomedical Instrumentation, Biomechanics, Rehabilitation Engg., Bio Fluid Dynamics, Medical Informatics, Bio Sensors, Clinical Engg.,Medical Imaging, Biomedical Device Design, Biomedical Signal Processing, Biomaterials, Bio Mems, Telemedicine, Medical Image Processing
5	Department of Chemical Engg.	Process Modelling & simulations, Process Control, Chemical Process Equipment Design, Advanced Separation Process, Computational Fluid Dynamics
6	Department of Civil Engg.	Concrete Technology, Structural Engineering, Geo-technical Engineering
7	Department of Chemistry	Physical Chemistry, Applied Chemistry, Inorganic Chemistry, Organic Chemistry, Environmental Chemistry, Analytical, Nano-science and Nano-technology.

S.No.	Name of the Department	Desired Specialization
8	Department of Computer Science & Engg.	Data Mining, Network & Cyber Security, Wireless Sensor Networks, Mobile & Pervasive Computing, Parallel & Distributed Computing, IoT & Cloud Computing, Computer Vision and Image Processing, Natural Language Processing, Theoretical Computer Science, Artificial Intelligence (Machine Learning, Deep Learning, Soft Computing etc.), Big Data Processing.
9	Department of Electrical Engg.	Control system, Power Electronics, Power System, Electric Machine and Drives, Signal Processing, Measurement and Instrumentation, Electronics, Renewable Energy and allied areas of Electrical Engg.
10	Department of Electronics & Telecommunication	VLSI Architecture design, DSP, DSP hardware design, Image processing, Microwave & RF Design and Engg. Artificial Intelligence & Machine learning, Data communication, Computer and Telecommunication networking, Communication Engineering, WSN
11	Department of Humanities & Social Science	Professional Communications in English (English Communication Skills), Managerial Skills, Personality development, Innovative and entrepreneurial Skills (Management), Value-education, Yoga, Sociology, Psychology.
12	Department of Information Technology	Object Oriented Software Engg.,Next Generation Networks,Information Security, NaturalComputing, Data Modelling, BigData Analysis, Image Processing,Deep Learning, theoreticalcomputer science.
13	Department of Mechanical Engg.	Machine Design, Solid Mechanics, Ergonomics & Industrial design, Robotics, Thermal Engg., Renewable Energy sources, Refrigeration 7 Airconditioning, IC Engines, Solar thermal Applications, Energy, Power plant Engineering, Turbo Machinery, Computational fluid Dynamics, Production Engg., Industrial Engg and Management, , Sustainable Manufacturing, Supply Chain Management, Manufacturing System, CAD-CAM, FEA

S.No.	Name of the Department	Desired Specialization
14	Department of Metallurgical Engg.	Metallurgical Thermodynamics and Kinetics, Iron Making, Steel Making, Non-Ferrous Extraction, Fracture mechanics and failure analysis, Deformation behaviour of materials, Materials simulation and modelling, Functional materials, Bio-materials, Polymer Engineering, Powder Metallurgy
15	Department of Computer Application(MCA)	Data Mining, Network & Cyber Security, Wireless Sensor Networks, Mobile & Pervasive Computing, Parallel & Distributed Computing, IoT & Cloud Computing, Computer Vision and Image Processing, Natural Language Processing, Theoretical Computer Science, Artificial Intelligence (Machine Learning, Deep Learning, Soft Computing etc.), Big Data Processing, Decision Support Systems, Computer networks, Optimization, Information Security, Algorithms.
16	Department of Mathematics	Probability and Statistics, Operation Research, Numerical Analysis and Scientific Computing, Fluid and solid Mechanics, Mathematical Modelling, Partial Differential Equation, Algebra, Linear Algebra, Complex Analysis, Wavelet Analysis, Cryptography.
17	Department of Mining Engg.	-----------------------
18	Department of Physics	-----------------------

For Serial Number 17 and 18 only Internal Faculty members may apply as per Schedule 'E' of NIT statues (Amended 2017) (Ref. Gazette of India No. 651, dated July, 24, 2017).

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