



DELHI TECHNOLOGICAL UNIVERSITY

MINUTES

of the 37th meeting of

Board of Management

DTU

Held on 29.05.2020

DTU Campus, Shahbad Daulatpur, Bawana Road, Delhi-110042

Handwritten mark/signature

Delhi Technological University

(Estd. by Govt. of NCT of Delhi vide Act 6 of 2009)
(Formerly Delhi College of Engineering)

No. F.DTU/ORG/BOM/Meeting/1(1)/09/Vol-XV/243

Dated : 29.05.2020

The 37th meeting of the Board of Management held online on 29.05.2020 at 11:30 a.m. The following members were present:

1. Prof. Yogesh Singh, Vice Chancellor, Delhi Technological University.
2. Sh. Sandeep Kumar, IAS, Secretary (Finance), Government of NCT of Delhi.
3. Ms. Manisha Saxena, Secretary, Training and Technical Education/ Higher Education, Government of NCT of Delhi.
4. Sh. S.S. Gill, Director, Training and Technical Education, Government of NCT of Delhi.
5. Prof. I.K. Bhat, Vice Chancellor, Manav Rachna University, Faridabad.
6. Prof. Parimal H. Vyas, Vice Chancellor, Maharaja Sayajirao University of Baroda, Vadodra, Gujarat.
7. Prof. Rajeev Tripathi, Director, Motilal Nehru National Institute of Technology, Allahabad, Prayagraj, Uttar Pradesh.
8. Prof. A. Trivedi, Dean (Industrial Research & Development).
9. Prof. Madhusudan Singh, Dean Academic (UG).
10. Prof. R.S. Mishra, Professor, Mechanical Engineering.
11. Prof. Narendra Kumar, Professor, Electrical Engineering.
12. Prof. Samsher, Professor, Department of Mechanical Engineering and Registrar, Delhi Technological University.

Sh. Manoj Kumar, Deputy Secretary (Finance), Government of NCT of Delhi; Sh. A.K. Kansal, Deputy Director (SB), Training and Technical Education, Government of NCT of Delhi and Sh. D.P. Dwivedi, Consultant, Finance & Planning, Delhi Technological University attended the meeting as Special Invitee.

The minutes of the meeting are as follows:

Agenda 37.1 : Opening remarks by the Vice Chancellor.

Vice chancellor welcomed the members in 37th meeting of Board of Management. He also welcomed Ms. Manisha Saxena, Secretary, Training and Technical Education, Government of NCT of Delhi, who attended the meeting of Board of Management first time after assumption of charge as Secretary. He informed that teaching through digital tools have been completed on 9th May, 2020. Online examinations of final year students of all the disciplines have been started on proctored mode.

He further thanked to all faculty members and students for cooperating in all the activities of university during these unprecedented and difficult time. He further informed that about 200 international and 30 domestic students are staying in the hostels and some countries like Sri Lanka, Mongolia and Afghanistan have evacuated their students from hostels through special rescue flights.

Agenda 37.2 : Confirmation of the minutes of 36th meeting of the Board of Management held on 06.01.2020.

It was submitted to the Board of Management that the minutes of the 36th meeting of the Board of Management, DTU held on 06.01.2020 were circulated among all the members vide forwarding No. DTU/ORG/BOM/(Meeting)/1(1)/09/ Vol-XIV/4780-96 dated 06.01.2020. No comments were received.

The Board of Management confirmed the minutes of the 36th meeting of Board of Management.

Agenda 37.3 : Action taken report on the decisions taken in the 36th meeting of the Board of Management held on 06.01.2020.

The Board of Management was informed that 18 agenda items including supplementary agenda were discussed in the last meeting held on 06.01.2020. The details of the agenda, decisions taken thereon and the action taken by the University were given for information of the Hon'ble members.

It was observed that in last column of point number 36.4 the number of candidates joined the University was 11 instead of 13.

The Board of Management took the Action Taken Report on record.

Agenda 37.4 : Nomination of one person among the members of the Board of Management in the Finance Committee of the University.

It was submitted to the Board of Management that section 28 of the DTU Act, 2009 provides for constitution of a Finance Committee by the Board of Management. The composition of the Finance committee as specified in the Act is as follows:

- (a) The Vice Chancellor – Chairman;
- (b) The Principal Secretary or Secretary (Finance) to Government ex-officio;

- (c) The Principal Secretary or Secretary (Technical Education) to Government ex-officio;
- (d) Two other members nominated by the Board of Management from amongst its members, of whom at least one should not be an employee of the University;
- (e) The Registrar of the University;
- (f) Controller of Finance will be the member secretary;
- (g) Such other members as may be prescribed by the Statutes;

Sub Section 1(d) of Section 28 provides that two other members nominated by the Board of Management from amongst its members, of whom at least one should not be an employee of the University. Presently, following are the two members of finance committee:

1. Professor I. K. Bhatt, Vice-Chancellor, Manav Rachna University, Faridabad, Haryana.
2. Professor S. K. Garg, erstwhile Pro-Vice Chancellor, DTU.

Since the tenure of Professor S. K. Garg as Pro Vice-Chancellor was completed and he was not a member of the Board, as such there was a need to nominate a member in his place. The Board of Management was therefore, requested to nominate a person as member of the Finance Committee from among its members as laid down in sub-section (1d) of Section 28 of DTU Act 2009.

Decision : In exercise of the powers conferred under Section 28 Sub-section (1)(d) of the DTU Act 2009, the Board of Management nominated Prof. A. Trivedi, Dean (Industrial Research & Development) as new member of the Finance Committee of Delhi Technological University.

Agenda 37.5 : Approval for minor amendments in Guidelines of Award to the Researchers of Delhi Technological University.

It was submitted to the Board of Management that in view of the recent communication received by Clarivate Analytics stating "*As there is no longer any difference between the editorial selection criteria for SCIE and SCI, we are removing SCI to reduce overlap and unnecessary complexity in our collections*", the following minor amendments are proposed in the guidelines issued vide notification number F.DTU/ Council/ BOM-AC/ Notification/ 31/ 2018 dated 12/09/2018:

S. No (Current Document)	Current	Amendments (Addition / Modification/ Deletion)
Category A Outstanding Research Awards	Selection Criteria: The paper must be a SCI/ SSCI journal paper of impact factor at least two, and published in the following:	Selection Criteria: The paper must be a SCI/ SSCI/ <u>SCI expanded</u> journal paper of impact factor at least two, and published in the following:
Category C Commendable Research Awards	In addition to the above list, SCI and SCI expanded indexed journal not included in the above list having impact factor equal to or more than five shall also be considered for the award.	In addition to the above list, SCI/ <u>SSCI</u> and SCI expanded indexed journal not included in the above list having impact factor equal to or more than five shall also be considered for the award.
Category C Commendable Research Awards	International Organisation of Standardization (IOS) Press	International Organisation of Standardization (IOS) Press (to be deleted).
New provisions approved by Vice Chancellor		<p><i>Annexure 1: Guidelines for evaluation of published paper for research award, (placed in Annexure at page 1)</i></p> <p><i>Annexure 2 : The procedure for computation of distribution of award to the authors.</i></p> <p><i>Power to remove difficulties: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may, make such provisions, not inconsistent with the provisions in these guidelines, as appear to be necessary or expedient for removing the difficulty.</i></p>

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 23 Sub-section (2)(xii) of the DTU Act 2009, the Board of Management considered and approved the minor amendments in the Guidelines of Award to the Researchers of Delhi Technological University.

Agenda 37.6 : Approval for revised Guidelines for Progress Linked Award of DTU Teaching and Research Fellowship to the Ph. D. students.

It was submitted to the Board of Management that a meeting of committee constituted by Competent Authority for Revision of Guidelines for DTU Teaching and Research Fellowship (No. F.1/Acad-PG/2019-Policy Matters/2804 dated 30/09/2019) to the Ph.D students was held on 28/04/2020 on Google Meet. The following members were present in the meeting:

1. Prof. A. Trivedi, Dean, Industrial Research Development, Chairperson
2. Prof. Vishal Verma, Dean, International Affairs
3. Prof. S.C. Sharma, Dean Academic (PG)
4. Prof. Neeta Pandey, Professor, Electronics and Communication Engg.
5. Dr. Pravin Kumar, Associate Professor, Mechanical Engineering
6. Dr. Rishu Chaujar, Associate Professor, Applied Physics
7. Dr. Ruchika Malhotra, Associate Dean IRD, Member Secretary

In view of the recent communication received by Clarivate Analytics stating ***“As there is no longer any difference between the editorial selection criteria for SCIE and SCI, we are removing SCI to reduce overlap and unnecessary complexity in our collections”***, the committee proposes the following amendments in the guidelines:

S. No (Current Document)	Current	Amendments (Addition /Modification/Deletion)
1	Full time Ph.D. students admitted w.e.f. the session 2019-20 will be paid a consolidated amount of Rs. 32500/- (inclusive HRA and any other allowance) per month and a contingency of Rs. 17500/- annually. They will also be assigned a teaching load of 08 hours (lab/lectures) per week by the department.	Full time Ph.D. students <i>with fellowship</i> admitted w.e.f. the session 2019-20 will be paid a consolidated amount of Rs. 32500/- (inclusive HRA and any other allowance) per month <i>(for as amended by university from time to time)</i> and a contingency of Rs. 17500/- <i>(or as amended by university from time to time)</i> annually. They will also be assigned a teaching load of 08 hours (lab/lectures) per week by the department.
2	They shall become eligible to be considered for an enhanced amount of Rs. 36000/- per month after getting acceptance/ publishing one SCI/SSCI index Journal paper. The paper published must have been communicated after his/ her date of Ph.D. admission at Delhi Technological University and the sole authors of the paper must be the candidate/ or candidate and	They shall become eligible to be considered for an enhanced amount of Rs. 36000/- per month <i>(or as amended by university from time to time)</i> after getting acceptance/ publishing <u>one SCI/SCI expanded/SSCI index Journal paper in Category A/B OR two SCI/SCI expanded/SSCI index Journal papers in Category C and satisfying all conditions mentioned in Annexure (refer to Annexure page 5 and 6 for details)</u> . The paper published must have been communicated after his/ her date of Ph.D. admission at Delhi Technological

	supervisor(s) both, as per requirement of Ph.D. Ordinance 2017, Clause R15.2(iii).	University and the sole authors of the paper must be the candidate/ or candidate and supervisor(s) both, as per requirement of Ph.D. Ordinance 2017, Clause R15.2(iii).
4	In case a Ph.D. scholar publishes or got accepted second SCI Index Journal paper, then he/she may be considered to be eligible for enhanced fellowship amount of Rs. 40000/- per month by the same procedure as mentioned above. However, again the sole authors of the paper must be the candidate/ or candidate and supervisor(s) both, as per requirement of Ph.D. Ordinance 2017, Clause R15.2(iii).	In case a Ph.D. scholar <u>gets additional Journal paper accepted or published in Category A/B and satisfies all conditions mentioned in Annexure at page 2 and 3</u> , then he/she may be considered to be eligible for enhanced fellowship amount of Rs. 40000/- per month (or as amended by the university from time to time) by the same procedure as mentioned above. However, again the sole authors of the paper must be the candidate/ or candidate and supervisor(s) both, as per requirement of Ph.D. Ordinance 2017, Clause R15.2(iii).
7	To encourage the existing full time registered Ph.D. students without fellowship, it was decided that they may also be eligible to be considered for the award of Ph.D. fellowship at the rate of Rs.36000/40000 per month plus contingency in case they publish one/two SSCI/SCI index journal papers as per specification given in Ph.D. Ordinance 2017, subject to availability of fellowships at in that academic year.	To encourage the existing full time registered Ph.D. students without fellowship, it is decided that they may also be eligible to be considered for the award of Ph.D. fellowship at the rate of Rs. 36000/40000 per month <u>(or as amended by university from time to time)</u> plus contingency in case they <u>publish SSCI/SCI/SCI expanded index journal papers as per conditions given in point no. 2 and 4 of this document</u> and as per specification given in Ph.D. Ordinance 2017, subject to availability of fellowships at in that academic year.
11	New Addition	<u>Power to remove difficulties: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may, make such provisions, not inconsistent with the provisions in these guidelines, as appear to be necessary or expedient for removing the difficulty.</u>

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council deliberated on the matter and recommended following to be placed before the Board of Management for its approval:

- i. The guidelines shall be applicable with effect from the date of approval of the Board of Management.
- ii. All existing students shall get the benefit covered under these guidelines and shall be applicable to the students admitted during academic session 2017-18 onwards, but they will not be entitled to any arrear.

Decision : In exercise of the powers conferred under Section 23 Sub-section (2)(xii) of the DTU Act 2009, the Board of Management considered and approved the revised Guidelines for Progress Linked Award of DTU Teaching and Research Fellowship to the Ph. D. Students including recommendations of the Academic Council as mentioned above at (i) and (ii).

Agenda 37.7 : Approval for Guidelines for Direct Admission to Ph.D Program for DTU full time M.Tech students.

It was submitted to the Board of Management that the students who have been admitted to the full time M.Tech program in Delhi Technological University (DTU) may seek to extend to the Ph.D program after the evaluation of M.Tech dissertation and successful completion of M.Tech program with the following conditions:

1. Candidate wishes to pursue full-time Ph.D program.
2. Candidates must have qualified UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/SLET/GATE/ICMR JRF/DBT JRF/teacher fellowship.
3. The specified area for the Ph.D program shall be the extension of their M.Tech research or aligned/allied with an area which can be mapped up with the concurrent research area.
4. Candidate has opted for research project in the third semester of M.Tech program. Candidate must satisfy the Ph.D eligibility conditions. Moreover, the candidates who have not taken research project/track may also be considered for direct Ph.D admission in exceptional circumstances with the approval of Vice Chancellor.
5. Candidate has at least one paper accepted/published in SCI/SCIE/SSCI journals as specified in categories of publications in the M.Tech. scheme of DTU. Further, the following condition must be satisfied:
 - a. Journal must not be levy any article processing fees. This exclude journals that charge extra page charges and colour print charges.
6. Candidate has been recommended by the M.Tech Thesis/dissertation supervisor and the M.Tech Thesis/dissertation supervisor agrees to take the candidate under his/her supervision for the Ph.D program. If no slot is available with a supervisor, a temporary slot will be created and the same will be adjusted in future as and when the slot is vacant.
7. Candidate has been recommended by the HOD and Departmental Research Committee (DRC).

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If a candidate admitted in M.Tech program satisfies all the above conditions, he/she may be allowed to be exempted from the Ph.D entrance test. After receiving a proposal from the candidate the DRC meeting will be conducted for consideration of the candidate for admission in the Ph.D program.

Such a candidate will be entitled for Ph.D fellowship for a period of two years and the amount of the fellowship will be same as M.Tech fellowship given by DTU from time to time. The candidates receiving fellowship from external agencies will not be entitled for DTU fellowship. The candidate will become eligible for enhanced fellowship before the expiry of period of two years also after publication/ acceptance of prescribed research paper(s). Hence, the admitted Ph.D candidates shall become eligible to be considered for an enhanced fellowship amount as per the guidelines given in Notification No. F.1/Acad-PG/2019-Policy Matters/2804 dated 30/09/2019 or revised notification released from time to time. Further, if the candidate does not become eligible for enhanced fellowship and the period of two years expires, then such candidate will be converted to Full-time student without fellowship.

NOTES:

- (i) It may be noted that the paper published by the candidate as part of the M.Tech Degree will not be counted in the Ph.D program.
- (ii) The Ph.D program, in which the candidate is seeking extension of the M.Tech research, shall be under the guidance of the same supervisor who had been instrumental in formulation of the research problem in their M.Tech program.
- (iii) The candidate will be governed by Ph.D ordinance of DTU.
- (iv) The candidates admitted to the M.Tech full time program without fellowship may also be considered for admission in the Ph.D program in conformity of the above guidelines.
- (v) Power to remove difficulties: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may, make such provisions, not inconsistent with the provisions in these guidelines, as appear to be necessary or expedient for removing the difficulty.

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : : In exercise of the powers conferred under Section 23 Sub-section (2)(xii) of the DTU Act 2009, the Board of Management considered and approved the Guidelines for Direct Admission to Ph.D Program for DTU full time M.Tech students with the modification- "the admitted students will be given DTU Ph.D fellowship and will be governed as per DTU Ph.D Ordinance."

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Agenda 37.8 : Introduction of M. Sc. Chemistry Program in the Department of Applied Chemistry from the Academic Session 2020 – 21.

It was submitted to the Board of Management that the agenda item number 20.18 for introduction of M. Sc. Courses in the Departments of Applied Mathematics, Applied Physics, Biotechnology and Applied Chemistry has been considered and approved by the Academic Council in its 20th meeting held on 10.05.2019 and same has also been approved by the BoM in its 31st meeting held on 31.05.2019.

Accordingly, M. Sc. Programmes in the Departments of Applied Mathematics, Applied Physics and Biotechnology have already been started in the academic year 2019 – 20. Admissions in M. Sc. Chemistry were proposed to be conducted from the coming Academic Year 2020 - 21 as decided by the Academic Council and Board of Management in the above referred meetings.

It was further brought to the notice of Hon'ble Members of the Council that Sanction of Faculty, Ministerial and Technical Staff for the Applied Chemistry has also been approved by the Academic Council and BoM in its above referred meetings.

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. It was also proposed that admissions in M. Sc. Chemistry programme in the Department of Applied Chemistry may be started for the Academic Year 2020 - 21 along with other ongoing M.Sc. programmes. The Academic Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 10 Sub-section (2)(q) of the DTU Statute (First) 2009, the Board of Management considered and approved the introduction of M.Sc Chemistry program in the department of Applied Chemistry. Board of Management further authorized the Vice Chancellor to work-out the modalities for starting the program from the academic year 2021-22.

Agenda 37.9 : Introduction of M. Tech. programme in Artificial Intelligence in the Department of Computer Science and Engineering from the academic session 2020 - 21.

It was submitted to the Board of Management that the Department of Computer Science and Engineering, Delhi Technological University proposes to start a new programme of M. Tech. in Artificial Intelligence from the upcoming session 2020 - 21. The course will have an intake of 36 students (including EWS quota) to be admitted on the basis of GATE score.

The aim of introducing this course is to generate a pool of specialized technocrats in the field of Artificial Intelligence and thereby address the shortage of trained and qualified professionals in this domain. This program will provide students an opportunity to learn both foundational and experimental components of Artificial Intelligence and to help the students who wish to pursue a career as a specialist in Artificial Intelligence or Machine Learning with Industry or Academia, by providing them a platform for active research in the area from the level of Masters itself. Along with the courses that provide specialization in Artificial Intelligence, students will also have option to explore some applied domains such as computer vision, natural language processing, robotics, and software analysis.

Such similar courses are already running in world class universities abroad and have been recently started even in India at reputed institutions like IISc Bangalore, various IITs and NITs, IIITs, Hyderabad University etc.

The curriculum of the course will comprehensively cover the fundamentals of Artificial Intelligence. Further, the students can focus on any core specializations through various elective subjects, seminars, Minor projects and Major project during the two-year programme.

An online application number **1 - 7004705717** for necessary approval from AICTE has been submitted along with proposal for Extension of Approval for other M. Tech. Programmes.

In anticipation of the approval from AICTE, DTU proposes to start admission process for M. Tech. in Artificial Intelligence from the forthcoming academic session 2020-21, along with other M. Tech. programmes. Admissions of students will be made on the basis of GATE Score. However, GATE scholarship will be available to admitted students after getting approval for the programme from AICTE for the year 2020 - 21.

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 10 Sub-section (2)(q) of the DTU Statute (First) 2009, the Board of Management considered and approved the Introduction of M. Tech. programme in Artificial Intelligence in the Department of Computer Science and Engineering. Board of Management further authorized the Vice Chancellor to work-out the modalities for starting the program from the academic year 2021-22

Agenda 37.10 : Approval of the minutes of the Selection Committee meeting for the posts of Assistant Professor in the discipline of Electronics and Communication Engineering.

It was submitted to the Board of Management that the University had advertised posts of Assistant Professor in the discipline of Electronics and Communication Engineering vide Advt. No. F.DTU/Rectt./Asso.Prof./Asst.Prof/2019 dated 01.07.2019, Revised Advt. No. F.DTU/Rectt./Asst.Prof/2019/269 dated 11.09.2019 and corrigendum No.F.DTU/Rectt./Asst.Prof./2019/2/F-828/437 dated 20.11.2019.

The recruitment process started with the scrutiny of applications received for the said posts. Following the criteria for shortlisting of the candidates as laid down and approved by the BOM, two lists were prepared. One consisting of candidates fulfilling the criteria, as prescribed by the University, based on the research publications in the journals of repute and thereby exempting them from the written test. The second list had all those candidates who appeared in the written test. All the candidates from the first list and the ones who qualified the written test and were shortlisted, as per norms, were called for the presentation and interview.

The complete recruitment process for the above-mentioned posts was scheduled as given below:

Schedule of Activities for recruitment to the post of Assistant Professor in the discipline of Electronics & Communication Engineering

S.No	Activity	Date
1	Uploading of the Provisional list of 'Eligible', 'Exempted from written test' candidates and 'Not Eligible'	13.02.2020
2	The last date of receipt of Representations, if any	20.02.2020
3	Uploading of the Revised list of 'Eligible', 'Exempted from written test' candidates and 'Not Eligible'	25.02.2020
4	Issue of Admit Cards for written test	26.02.2020
5	Date of written test	29.02.2020
6	Declaration of written test Result	01.03.2020
7	Physical Receipt of Filled proforma (Academic Record, Experience and Research Performance) and its verification, along with documentary proof	03.03.2020 to
8	Verification of relevant documents (X/XII/UG/PG marks, research, experience, etc.) of candidates, exempted from written test plus qualified in written test and called for presentation & interview	07.03.2020
9	Presentation Schedule	12.03.2020 to 15.03.2020
10	Interview Schedule	14.03.2020 to 17.03.2020

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The details concerning the number of applications received, number of candidates declared 'exempted from written test', 'eligible' (to appear for a written test), and 'not-eligible' candidates for the above-mentioned posts were as under:-

S. No.	Name of Post	No. of online Applications received	No. of candidates exempted from written test	Written test			No. of candidates appeared in Interview including Skype
				No. of 'eligible' candidates	No. of candidates Appeared	No. of candidates Shortlisted based on screening test	
1	Assistant Professor (ECE)	1821	107	1336 + (03*)	604+3*	103	152 (incl 6 on skype)

*Screening test for 03 candidates was held on 09.03.2020 at 11.00 am.

The shortlisted candidates were assessed broadly on 5 parameters: Academic Record (30%), Experience & Research Performance (20%), Assessment of teaching aptitude and ability (15%), Assessment of Domain Knowledge (15%) and interview process (20%).

The minutes of the Selection Committee for the posts of Assistant Professor in the discipline of Electronics and Communication Engineering were kept in a sealed envelope and opened before the Board of Management.

Decision : In exercise of the powers conferred under Section 10 Sub-section (2)(c) of the DTU Statute (First) 2009, the Board of Management approved the minutes of the Selection Committee (includes list of recommended and waitlisted candidates) for the post of Assistant Professors in the discipline of Electronics and Communication Engineering on regular basis. The Board further advised University to keep the list of waitlisted candidates in sealed envelope to maintain the secrecy. Following candidates recommended by the Selection Committee have been appointed:

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S.No	Application No.	Name of Candidate	Category	DOB
1	2013671	Navjeet Bagga	UR	01.12.1990
2	2010355	Sachin Taran	UR	24.01.1986
3	2015628	Sonam Rewari	UR	20.10.1987
4	2007972	Rohit Kumar	UR	05.09.1986
5	2009573	Anukul Pandey	UR	01.02.1990
6	2014801	Manjeet Kumar	UR	26.01.1988
7	2014885	Varun Sangwan	UR	15.07.1989
8	2014753	Sumit Kumar Khandelwal	UR	11.03.1988
9	2014867	Hartkesh	EWS	07.12.1985
10	2005772	Rahul Thakur	EWS	28.03.1993
11	2015376	Chhavi Dhillan	OBC	26.06.1990
12	2005465	Lokesh Gautam	OBC	21.01.1996
13	2015890	Pankaj Dahiya	OBC	04.03.1984
14	2006553	Lavi Tanwar	OBC	12.10.1992
15	2007132	Akshay Mann	OBC	22.10.1987
16	2008362	Kaustubh Ranjan Singh	SC	25.06.1993
17	2015207	Sonal Singh	SC	08.11.1987
18	2008574	Sachin Dharwal	SC	10.07.1991
19	2010421	M Ganesh	SC	25.08.1990
20	2016717	Deepika Sipal	ST	02.06.1990
21	2007210	Sumit Kale	ST	03.04.1985

Agenda 37.11 : Approval for starting of M.Des with specialization in “Interaction Design” program in the Department of Design from the academic year 2020-21 onwards.

It was submitted to the Board of Management that as per the decision taken in the 21st meeting of Academic Council vide agenda 21.13 for initiation of one Master of Design program from August, 2020 onwards and the remaining two courses from the academic year 2021-22.

The proposed specializations in the Master of Design Courses are as follows:

1. Interaction Design (to start from Academic Year 2020)
2. Visual Communication (to start from Academic Year 2021)
3. Product Design (to start from Academic Year 2021)

The intake proposed: 15 for each specialization

Proposed Criteria for admission:

Graduate in a Professional Degree (i.e. 4 year Professional course)
eg: B.E, B.Tech, B.Arch, B.Des, BFA etc.

Proposed Selection Criteria:

Common Entrance Examination for Design (CEED) Qualified Candidates with a valid CEED Scorecard will apply for the program and then shortlisted. The Department of Design will conduct its own Design Aptitude Test along with an Interview Round. The syllabus for Design Aptitude Test will be as per the specialization of the M.Des. course.

DTU Scholarship for all CEED Qualified students similar to the GATE Scholarship offered to masters students also considered for approval.

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 10 Sub-section (2)(q) of the DTU Statute (First) 2009, the Board of Management considered and approved starting of M.Des with specialization in “Interaction Design” program in the Department of Design. Board of Management further authorized the Vice Chancellor to work-out the modalities for starting the program from the academic session 2021-22.

Agenda 37.12 : Approval for initiating Fashion Design Curriculum in B.Des., Department of Design, to add Specialization in Fashion Design.

It was submitted to the Board of Management that the Department of Design would like to add new electives in B.Des for introducing specialization in ‘Fashion Design’ from august 2020, in which 20 more students with existing intake may be taken in Department of Design. Detailed scheme of examination is placed in *Annexure at pages 07 to 16.*

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 10 Sub-section (2)(q) of the DTU Statute (First) 2009, The Board of Management considered and approved to start Fashion Design specialisation course in B.Des. in the Department of Design.

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Agenda 37.13 : Approval for change in nomenclature of “B.Tech- Polymer Science and Chemical Technology” to B.Tech in Chemical Engineering with specialization in Plastic & Polymer.

It was submitted to the Board of Management that the Department of Applied Chemistry is offering B.Tech in Polymer Science and Chemical Technology with intake of 60 Students since 1998. This course is a blend of Chemical Technology and Polymer Technology (*Course Curriculum- Annexure at pages 17 to 25*). The Graduates from this discipline has a lot of opportunities in Chemical, Automobile, Petroleum and Polymer Sectors but several time students face the challenges due to the unusual and confusing nomenclature of the branch (*Student Placement Coordinators feedback & Alumni feedback Emails- Annexure at pages 26 to 32*).

There was continuous request from Students enrolled in this program for changing the nomenclature due to following issues:

1. Many core sectors recruiting companies such as Chemical, Petrochemical & Automobile sector companies are not open for our students with the present nomenclature of the branch.
2. This nomenclature is also not mentioned in RR of many core sector government institutions such as NALCO, NFL, IOCL, ONGC, BARC, etc. Students are not eligible for recruitment in these organizations even if they clear the GATE examination in the Chemical Engineering with an excellent score. (Recruit rules in ***Annexure at pages 33 to 36***).

In view of the above, (i) the matter was discussed with faculty members in departmental meetings and all the faculty members were of the opinion to change the nomenclature of the B.Tech. program being offered by the department as cited above.

(ii) A meeting of honorable Vice Chancellor with the faculty members of the Department of Applied Chemistry along with special invitees Registrar, Dean Academics UG & Head Training & Placement was held online on 21st April 2020 regarding the nomenclature change of B.Tech. Polymer Science & Chemical Technology. It was decided that the most appropriate AICTE approved nomenclature for this program would be **B.Tech in Chemical Engineering with specialization in Plastic & Polymer**". (Minutes of meeting is placed in ***Annexure at pages 37 to 38***).

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred Section 10 Sub-section (2)(q) of the DTU Statute (First) 2009, the Board of Management considered and approved the change in nomenclature of “B.Tech - Polymer Science and Chemical Technology” to “B.Tech - Chemical Engineering.

Agenda 37.14 : Approval for revision in Recruitment Regulations for the post of Assistant Professor, Associate Professor and Professor in the Design Disciplines.

It was submitted to the Board of Management that the HOD, Department of Design proposed for revision in Recruitment Regulations for the post of Assistant Professor, Associate Professor and Professor in the discipline of Design as under:

PAY SCALE, ESSENTIAL QUALIFICATIONS, RELEVANT BRANCH, AGE LIMIT AND RELAXATIONS FOR THE POST OF ASSISTANT PROFESSOR IN THE DISCIPLINES OF DESIGN

Designation, Pay Matrix Level and Entry Pay	Essential Qualifications	Relevant Branch	Age Limit
Assistant Professor	B.Des. and M.Des. with 1 st class or equivalent either in B.Des. or M.Des from a recognized University	<i>Design/</i>	35 years
Level 10	OR B.E./B.Tech. and M.Des. with 1 st class or equivalent either in B.E./B.Tech or in M.Des from a recognized University	<i>Product Design/ Industrial Design/ Interaction Design/</i>	'Relaxations'
Entry pay- 57,700/-	OR B.Arch and M.Arch with 1 st class or equivalent either in B.Arch or in M.Arch from a recognized University	<i>Fine Arts / Visual Arts / Applied Arts/ Sculpture/</i>	
	OR 75% or equivalent in B.Des and Ph.D in the relevant branch from a recognized University	<i>Fashion Design/ Interior Design/ Pattern Making/ Garment Manufacturing/ Entrepreneurship Innovation and Venture Development/ Architecture/</i>	
	OR <i>Graduation in any branch and Master Degree/Post Graduate Diploma (2 years) in relevant branch with first class either in Graduation or Masters from a recognized University.</i>		
	OR <i>First class Masters Degree / Post graduate Diploma (2 years) in any branch and Ph.D in the relevant branch from a recognized University.</i>		4. Age relaxable for the PWD category candidates in accordance with the instruction/ orders issued by the Central Govt/ GNCT from time to time.

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Notes :

1. Any deviation in the nomenclature of the relevant branches as mentioned above may also be considered by the University.
2. AMIE/IETE qualifications in relevant branches mentioned in the RR are also eligible.
3. B.Sc. (Engineering), B.E., B.Tech, B.S. (Four years) shall be considered as equivalent.
4. M.Sc. (Engineering), M.E., M.Tech, M.S. shall be considered as equivalent.
5. Post Graduate Diploma (2 years) shall be equivalent to 2 years Master Degree.
6. Selection Committee may in cases of exceptional merit, recommend additional increments in case of higher qualifications, experience and academic achievements by the candidates.
7. Persons already in employment in Government Department/Autonomous Bodies of Universities under Central/State Government should apply through proper channel.
8. The University shall conduct a screening test for short listing of candidates. The short listed candidates will make a presentation before a committee in the concern department and other invitees of DTU, prior to appearing before selection committee.
9. If a class/division is not awarded, minimum of 60% marks in aggregate shall be considered equivalent to first class/division. If a Grade Point in 10 point scale system is adopted the Cumulative Grade Point Average will be converted into equivalent marks by multiplying the CGPA by a factor of 10.

PAY SCALE, ESSENTIAL QUALIFICATIONS, RELEVANT BRANCH, AGE LIMIT AND RELAXATIONS FOR THE POST OF ASSOCIATE PROFESSOR IN THE DISCIPLINES OF DESIGN

Designation, Pay Matrix Level and Entry Pay	Essential Qualifications	Relevant Branch	Experience	Age Limit
Associate Professor Level-13 A 1 Entry Pay - 1,31,400	(1) B.Des. and M.Des. with 1 st class or equivalent either in B.Des. or M.Des from a recognized University OR B.E./B.Tech. and M.Des. with 1 st class or equivalent either in B.E./B.Tech or in M.Des from a recognized University OR B.Arch and M.Arch with 1 st class or equivalent either in B.Arch or in M.Arch from a recognized University OR 75% or equivalent in B.Des and Ph.D in the areas of Design from a recognized University OR <i>Graduation in any branch and Master Degree/Post Graduate Diploma (2 years) in relevant branch with first class either in Graduation or Masters from a recognized University.</i> OR <i>First class Masters Degree / Post graduate</i>	<i>Design/ Product Design/ Industrial Design/ Interaction Design/ Design/ Fine Arts / Visual Arts / Applied Arts/ Sculpture/ Fashion Design / Interior Design/ Pattern Making/ Garment Manufacturing/ Entrepreneurship Innovation and Venture Development/ Architecture/</i>	A minimum of 8 years of experience of teaching and /or research in an academic /research position equivalent to that of Assistant Professor in a University/ College / accredited research institutions/ industry out of which at least 2 years shall be post Ph.D. experience. In case of research experience, good academic record and books/research paper Publications /TR/patents record shall be required as deemed fit by the expert members of the selection committee.	50 years 'Relaxations' 1. The age is relaxable for SC/ST candidates upto 5 years and upto 3 years for OBC candidates in respect of vacancies reserved for them 2. Relaxable for Government Servants upto 5 years in accordance with the instruction or orders issued by the Central Government 3. Relaxable for teachers of government funded institutions of higher education for 5 years. 4. Age relaxable for the PWD category

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<p><i>Diploma (2 years) in any branch and PhD in the relevant branch from a recognized University.</i></p>	<p>(II) Qualifications as above with Ph.D or equivalent, in relevant areas. (III) At least total 6 research publications in SCI journals/UGC/AICTE, Approval list of journals.</p>		<p>record in devising/designing, planning, executing, analyzing, quality control, innovating, training, technical books /research paper publications/IPR/patents, etc., as deemed fit by the expert members of the Selection committee,</p>	<p>candidates in accordance with the instruction/ orders issued by the Central Govt/ GNCT from time to time.</p>
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Notes :

1. Any deviation in the nomenclature of the relevant branches as mentioned above may also be considered by the University.
2. AMIE/IETE qualifications in relevant branches mentioned in the RR are also eligible.
3. B.Sc. (Engineering), B.E., B.Tech, B.S. (Four years) shall be considered as equivalent.
4. M.Sc. (Engineering), M.E., M.Tech, M.S. shall be considered as equivalent.
5. Post Graduate Diploma (2 years) shall be equivalent to 2 years Master Degree.
6. Selection Committee may in cases of exceptional merit, recommend additional increments in case of higher qualifications, experience and academic achievements by the candidates.
7. Persons already in employment in Government Department/Autonomous Bodies of Universities under Central/State Government should apply through proper channel.
8. The University shall conduct a screening test for short listing of candidates. The short listed candidates will make a presentation before a committee in the concern department and other invitees of DTU, prior to appearing before selection committee.
9. If a class/division is not awarded, minimum of 60% marks in aggregate shall be considered equivalent to first class/division. If a Grade Point in 10 point scale system is adopted the Cumulative Grade Point Average will be converted into equivalent marks by multiplying the CGPA by a factor of 10.

<i>recognized University.</i>		training, technical books/research paper publications/IPR/patents, etc., as deemed fit by the expert members of the Selection committee.	orders issued by the Central Govt/ GNCT from time to time.
(II) Qualifications as above with PhD or equivalent, in relevant areas.			
(III) At least total 6 research publications at the level of			
Associate Professor in SCI journals/ UGC/AICTE approved list journals and at least 2 successful			
guided as			
Supervisor/ Co-supervisor.			
OR			
At least 10 research publications at the level of Associate Professor in SCI journals/ UGC/AICTE approved list journals			

Notes :

- Any deviation in the nomenclature of the relevant branches as mentioned above may also be considered by the University.
- AMIE/ETE qualifications in relevant branches mentioned in the RR are also eligible.
- B.Sc. (Engineering), B.E., B.Tech, B.S. (Four years) shall be considered as equivalent.
- M.Sc. (Engineering), M.E., M.Tech, M.S. shall be considered as equivalent.
- Post Graduate Diploma (2 years) shall be equivalent to 2 years Master Degree.
- Selection Committee may in cases of exceptional merit, recommend additional increments in case of higher qualifications, experience and academic achievements by the candidates.
- Persons already in employment in Government Department/Autonomous Bodies of Universities under Central/State Government should apply through proper channel.
- The University shall conduct a screening test for short listing of candidates. The short listed candidates will make a presentation before a committee in the concern department and other invitees of DTU, prior to appearing before selection committee.
- If a class/division is not awarded, minimum of 60% marks in aggregate shall be considered equivalent to first class/division. If a Grade Point in 10 point scale system is adopted the Cumulative Grade Point Average will be converted into equivalent marks by multiplying the CGPA by a factor of 10.

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 10 Sub-section (2)(b) of the DTU Statute (First) 2009, the Board of Management considered and approved the revision in Recruitment Regulations for the post of Assistant Professor, Associate Professor and Professor in the Design Disciplines.

Agenda 37.15 : Approval for provision of summer semester in UG and PG programs and discontinuation of supplementary examinations.

It was submitted to the Board of Management that the provisions for introducing a summer semester in UG and PG regulations was discussed and finalized in HODs and Deans meeting of the University.

As per the Regulation R. 1(B).11 for the Under Graduate and Post Graduate programs of DTU, student of a program of more than 2 years duration is not be allowed to register for the courses offered to students of third year, if he/she has not cleared all the courses of first year and a student of a program of more than 3 years duration is not be allowed to register for the courses offered to students of fourth year, if he/she has not cleared all the courses of second year.

Currently students are Re-registering for the courses in which they have been declared failed in the previous year/semester along with the courses of current semester to make up the total required credits for that semester as prescribed in their program of study. It has been observed that students are not attending classes of re-registered courses leading to attendance shortage in those courses and thereby debarring them from appearing in examinations for such courses due to attendance shortage.

To overcome this, it was proposed that provision of summer semester may be introduced, already in practice in many reputed Institutions such as NITs, IITs etc. All students having failed subjects in either or both odd and even semesters, at the end of current Academic Year should be allowed to register for summer semester. This provision may also be extended to those students who have been detained from appearing in final examinations due to shortage of attendance/ whose results have not been declared due to their involvement in use of unfair means during the examinations.

Guidelines for the summer Semester Courses

1. A student will be allowed to register a maximum of 16 credits inclusive of odd and even semester courses.
2. Only common courses (First year), departmental core courses (DCC) and allied engineering courses (AEC) will be offered in summer semester.

3. The duration of the summer semester will be 45 days. Each course will be given contact hours (LTP) as prescribed in syllabus for that course.
4. Regular class room teaching will be conducted only for those courses where minimum number of registered students is 5% of approved intake or 15 whichever is less.
5. Examinations will be conducted as per summer semester calendar.
6. If a course is not offered in summer semester, the concerned student(s) will re-register for a course in which he/she has failed in the following odd/even semester, as the case may be.
7. This shall be applicable to the students who will Re-register for any course(s) offered for Regular students admitted from 2020-2021 onwards.
8. A student will be allowed to appear in the end semester examinations of summer semester, for the course(s) registered, only if s/he fulfils the attendance criterion for appearing in examination as per regulation R.1(B).22 sufficient percentage of attendance.
9. Registration cum examination fee will be Rs. 5000/- + 500/- or as decided by the University per course. Students will be allowed to register for courses only after depositing the requisite fee.
10. Registration in summer semester course(s) will be offered only with effect from Academic Year 2020-21 batches and **the provision of supplementary exam will be dropped.**
11. Power to remove difficulties: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may, make such provisions, not inconsistent with the provisions in these guidelines, as appear to be necessary or expedient for removing the difficulty

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 23 Sub-section (2)(xii) of the DTU Act 2009, the Board of Management considered and approved the proposal of introduction of summer semester in UG and PG programs and discontinuation of supplementary examinations for the students admitted from 2020-21 onwards *with certain modalities as incorporated in the proposal.*

This shall also be applicable to the students who will re-register for any course(s) offered for regular students admitted from 2020-21 onwards.

Agenda 37.16 : Admissions for M. Tech. (Full Time & Part Time) programme in Power Electronics and Systems in (Electrical Engineering Department) for the Academic Year 2020 – 21.

It was submitted to the Board of Management that agenda number 22.16 to start new M. Tech. programme in Power Electronics and Systems has been approved in 22nd meeting of Academic Council held on 22.11.2019. The Agenda number 36.7 for creation of Teaching, Technical and Ministerial post has also been approved by the BoM in its 36th meeting conducted on 06.01.2020. An online application number 1 – **7004705717** for necessary approval from All India Council for Technical Education (AICTE) has been submitted along with proposal for Extension of Approval for other M. Tech. programmes. Further, the detailed scheme and syllabus of M. Tech. (Power Electronics and Systems) has also been presented in 22nd meeting of Academic Council (Agenda Item 22.16).

In anticipation of the approval from AICTE, DTU proposed to start admission process for M. Tech. in Power Electronics and Systems from the forthcoming academic session 2020 - 21, along with other M. Tech. programmes. Admissions of students will be made on the basis of GATE Score. However, GATE scholarship will be available to admitted students after getting approval for the programme from AICTE for the year 2020 - 21.

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 10 Sub-section (2)(q) of the DTU Statute (First) 2009, the Board of Management considered and approved the admissions in M. Tech. (Full Time & Part Time) program in Power Electronics and Systems in Electrical Engineering Department from the Academic Year 2020 - 21.

Agenda 37.17 : Approval to keep in abeyance two M. Tech. Programmes.

It was submitted to the Board of Management that the HoDs, Department of Mechanical Engineering and Biotechnology made a request to keep in abeyance admissions for two M. Tech. Programmes i.e. Computational Design (ME) and Biomedical Engineering (Biotech) from the academic year 2020 - 21 onwards.

The matter was also placed before the Academic Council in its 23rd meeting held on 15.05.2020. The Council recommended the matter to be placed before the Board of Management for its approval.

Decision : In exercise of the powers conferred under Section 23 Sub-section (2)(xii) of the DTU Act 2009, the Board of Management considered and approved to keep in abeyance two M. Tech. programs i.e. Computational Design (ME) and Biomedical Engineering (Biotech) from the academic year 2020-21 onwards.

Agenda 37.18 : Matter for Ratification:

i. Extension of period of contract of non-teaching staff of the University.

It was submitted to the Board of Management that the Competent Authority has extended the period of contract of the following contractual staff on the same terms and conditions.

S.No.	Name	Designation	Period of Contract
1.	Sh. Ravindran V.	Consultant (Vigilance)	02.05.2020 to 01.11.2020
2.	Sh. Anoop Lather	Consultant (Cultural & Youth Affairs)	21.04.2020 to 20.10.2020
3.	Sh. D.P. Dwivedi	Consultant (Finance & Planning)	01.05.2020 to 31.10.2020

In exercise of the powers conferred under Section 10 Sub-section (2)(d) of the DTU Statute (First) 2009, the Board of Management ratified the above action of the University.

Agenda 37.19 : Matter for information:

i. Joining of Teaching/ Non-Teaching staff in the University.

It was submitted to the Board that the following teaching/ non-teaching staff have joined the University in the various capacities as per details given below:

Teaching Staff :

S.No.	Name	Designation	Date of Joining
1.	SH. ABHISHEK CHAUDHARY	ASSISTANT PROFESSOR	24.01.2020
2.	SH. PRAKASH CHITTORA	ASSISTANT PROFESSOR	24.01.2020
3.	MS. SHATAKSHI	ASSISTANT PROFESSOR	24.01.2020
4.	MS. RINCHIN W. MOSOBI	ASSISTANT PROFESSOR	24.01.2020
5.	SH. SHREYANSH UPADHYAYA	ASSISTANT PROFESSOR	24.01.2020
6.	SH. MAYANK KUMAR	ASSISTANT PROFESSOR	27.01.2020
7.	SH. KRISHNA DUTT	ASSISTANT PROFESSOR	27.01.2020

8.	MS. ANUPAMA	ASSISTANT PROFESSOR	27.01.2020
9.	SH. GAURAV KAUSHIK	ASSISTANT PROFESSOR	27.01.2020
10.	SH. CHAUDHRY INDRA KUMAR	ASSISTANT PROFESSOR	30.01.2020
11.	SH. ROHAN PILLAI	ASSISTANT PROFESSOR	30.01.2020

Non-teaching Staff:

S.No.	Name	Designation	Date of Joining
1.	Dr.RenuPaisal	Assistant Registrar USME	15.01.2020
2.	Sh. Pradeep Kumar Teotia	Assistant Registrar (on deputation)	03.02.2020
3.	Ms. Divya Narayan	Chief Operating Officer	10.02.2020

ii. Relieving of teaching/non-teaching staff from the University.

It was submitted to the Board of Management that following persons have been relieved from the University as per the details given below:


S.No.	Name	Designation	Date of relieving
1.	Dr. Anil Kumar (on study leave)	Associate Professor	13.03.2020
2.	Sh. Ajay Sharma GGSIPU	Section Officer (on deputation)	20.12.2019

The Board of Management noted the information.

Agenda 37.20 : Any other item with the permission of the chair.


No any other item was discussed. The meeting ended with a vote of thanks to the members and the special invitees.

The minutes are issued with the approval of the Vice Chancellor for circulation to the Hon'ble members, who are requested to give their comments, if any, on these circulated minutes.


(Prof. Samsheer)
Registrar

To,

1. Pr. Secretary to Hon'ble Lt. Governor, Delhi, 6, Raj Niwas Marg, Delhi.
2. Prof. Yogesh Singh, Vice Chancellor, DTU.
3. Sh. Sandeep Kumar, I.A.S., Secretary (Finance), Government of NCT of Delhi, Delhi Secretariat, I.P. Estate, New Delhi-110 002.
4. Ms. Manisha Saxena, Secretary, Training & Technical Education/ Hogher Education, Government of NCT Delhi, Muni Mayaram Marg, Pitam Pura, Delhi 110 088.
5. Prof. I.K. Bhat, Vice Chancellor, Manav Rachna University, Faridabad, Haryana 121004.
6. Prof.Parimal H. Vyas, Vice Chancellor, Maharaja Sayajirao University of Baroda, Vadodra, Gujarat 390002.
7. Prof. Rajeev Tripathi, Director, Motilal Nehru National Institute of Technology, Allahabad, Teliargunj, Prayagraj, Uttar Pradesh 211004.
8. Prof. A. Trivedi, Dean, Industrial Research & Development, DTU
9. Prof. Madhusudan Singh, Dean Academic (UG), DTU
10. Prof. R.S. Mishra, Professor, Mechanical Engineering, DTU
11. Prof. Narendra Kumar, Professor, Electrical Engineering, DTU
12. Prof. Samsher, Professor and Registrar, DTU.


(Prof.Samsher)
Registrar

ANNEXURE of Minutes

37th meeting

Board of Management
DTU

Held on
29.05.2020

DTU Campus, Shahbad Daulatpur, Bawana Road, Delhi-110042

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Guidelines of Award to the Researchers of Delhi Technological University

Annexure 1

Guidelines for Evaluation of Published Paper for Research Award

1. The current/present impact factor, indexing (SCI, SCI expanded & SSCI) and other information will be taken from Clarivate analytics for evaluation of the papers. Thus, the current/present statistics including payment and indexing information of the journals will be taken for the purpose of verification by the screening/scrutiny committee.
2. The final publication date of the paper with volume and issue number (acceptance date or date on which the paper was published online will not be considered) will be considered for verifying the year of publication and pagination of the research paper under consideration.

Guidelines of Award to the Researchers of Delhi Technological University



Annexure 2

Formula for Distribution of Awards to the Authors/Researchers

The Research Excellence Awards have been constituted in the university recently and have been effective from AY 2017. The competent authority is pleased to approve the formula for distribution of Award Money for Research Excellence Awards (F.No. DTU/IRD/597/2018/1865 dated 18/12/2018) from 2018 onwards to the Authors/Researchers of the DTU as under:

A is the total award money and there are N authors. The value of Z shall be decided by the principal author and shall be such that $0.5 \leq Z \leq 1$.

- Case 1: When there is no external author, then the minimum amount credited to each of the author shall be as,
$$A * Z / N$$
- Case 2: When there are external authors, then the minimum amount credited to each of the author shall be as,

$$(A - Y * (A/N)) * Z / (N - Y)$$

Where Y number of authors are external to the university

Calculations sheets are enclosed.



Sample Calculation 1

A	N	Z	Mean Amount	Mean Percentage
100000	1	1	10000	100
100000	2	1	50000	50
100000	2	0.5	25000	25
100000	2	0.6	30000	30
100000	2	0.7	35000	35
100000	2	0.8	40000	40
100000	2	0.9	45000	45
100000	2	1	50000	50
100000	3	0.5	16666.67	16.66667
100000	3	0.6	20000	20
100000	3	0.7	23333.33	23.33333
100000	3	0.8	26666.67	26.66667
100000	3	0.9	30000	30
100000	3	1	33333.33	33.33333
100000	4	0.5	12500	12.5
100000	4	0.6	15000	15
100000	4	0.7	17500	17.5
100000	4	0.8	20000	20
100000	4	0.9	22500	22.5
100000	4	1	25000	25
100000	5	0.5	10000	10
100000	5	0.6	12000	12
100000	5	0.7	14000	14
100000	5	0.8	16000	16
100000	5	0.9	18000	18
100000	5	1	20000	20
100000	6	0.5	8333.333	8.333333
100000	6	0.6	10000	10
100000	6	0.7	11666.67	11.66667
100000	6	0.8	13333.33	13.33333
100000	6	0.9	15000	15
100000	6	1	16666.67	16.66667
100000	7	0.5	7142.857	7.142857
100000	7	0.6	8571.429	8.571429
100000	7	0.7	10000	10
100000	7	0.8	11428.57	11.42857
100000	7	0.9	12857.14	12.85714
100000	7	1	14285.71	14.28571
100000	8	0.5	6250	6.25
100000	8	0.6	7500	7.5
100000	8	0.7	8750	8.75

100000	8	0.8	10000	10
100000	8	0.9	11250	11.25
100000	8	1	12500	12.5
100000	9	0.5	5555.556	5.555556
100000	9	0.6	6666.667	6.666667
100000	9	0.7	7777.778	7.777778
100000	9	0.8	8888.889	8.888889
100000	9	0.9	10000	10
100000	9	1	11111.11	11.11111
100000	10	0.5	5000	5
100000	10	0.6	6000	6
100000	10	0.7	7000	7
100000	10	0.8	8000	8
100000	10	0.9	9000	9
100000	10	1	10000	10

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Sample Calculation 2

A	N	Z	Mean Answer	Mean Percentage
50000	1	1	50000	100
50000	2	1	25000	50
50000	3	0.5	12500	25
50000	3	0.6	15000	30
50000	3	0.7	17500	35
50000	3	0.8	20000	40
50000	3	0.9	22500	45
50000	3	1	25000	50
50000	3	0.5	22500	45
50000	3	0.6	20000	40
50000	3	0.7	17500	35
50000	3	0.8	15000	30
50000	3	0.9	12500	25
50000	3	1	10000	20
50000	3	0.5	7500	15
50000	4	0.6	5000	10
50000	4	0.7	2500	5
50000	4	0.8	1250	2.5
50000	4	0.9	625	1.25
50000	4	1	312.5	0.625
50000	5	0.6	1562.5	3.125
50000	5	0.7	781.25	1.5625
50000	5	0.8	390.625	0.78125
50000	5	0.9	195.3125	0.390625
50000	5	1	97.65625	0.1953125
50000	6	0.5	48828.125	9.765625
50000	6	0.6	24414.0625	4.8828125
50000	6	0.7	12207.03125	2.44140625
50000	6	0.8	6103.515625	1.220703125
50000	6	0.9	3051.7578125	0.6103515625
50000	6	1	1525.87890625	0.30517578125
50000	7	0.5	7629.39453125	1.52587890625
50000	7	0.6	3814.697265625	0.762939453125
50000	7	0.7	1907.3486328125	0.3814697265625
50000	7	0.8	953.67431640625	0.19073486328125
50000	7	0.9	476.837158203125	0.095367431640625
50000	7	1	238.4185791015625	0.0476837158203125
50000	8	0.5	1192.0925903125	0.02384185791015625
50000	8	0.6	596.04629515625	0.011920925903125
50000	8	0.7	298.023147578125	0.0059604629515625
50000	8	0.8	149.0115737890625	0.00298023147578125
50000	8	0.9	74.50578689453125	0.001490115737890625
50000	8	1	37.252893447265625	0.0007450578689453125

50000	8	0.9	5625	11.25
50000	8	1	6250	12.5
50000	9	0.5	2277.778	5.555556
50000	9	0.6	2333.333	6.666667
50000	9	0.7	2888.889	7.777778
50000	9	0.8	4444.444	8.888889
50000	9	0.9	5000	10
50000	9	1	5555.556	11.111111
50000	10	0.5	2500	5
50000	10	0.6	3000	6
50000	10	0.7	3500	7
50000	10	0.8	4000	8
50000	10	0.9	4500	9
50000	10	1	5000	10

Guidelines for enhancement of DTU Teaching & Research Fellowship to Ph.D Students

The publication made in the journals, which seek Article Processing Charges (APC), shall not be considered for fellowship grant or enhancement irrespective of the listing in the publication houses specified in the below categories.

Category A

Selection Criteria: The paper must be a Science Citation Index (SCI)/Social Science Citation Index (SSCI)/SCI expanded journal paper of impact factor at least two, and published in the following:

- Nature Journal
- Science
- Harvard Business Review

Category B

Selection Criteria: The paper must be a journal paper with impact factor atleast 3.0 for Institute of Electrical and Electronics Engineers (IEEE) Transactions and one for all other journals, indexed in SCI/SSCI or SCI expanded and published in the following:

1. Proceedings of Royal Society
2. American Mathematical Society
3. American Physical Society
4. American Society for Civil Engineers (ASCE)
5. American Society for Mechanical Engineers (ASME)
6. IEEE Transactions (TRIF \geq 3)
7. Association for Computing Machinery (ACM) Transactions
8. Institute of Civil Engineering Publishing, London
9. Institute of Mechanical Engineering, London
10. American Society of Testing Materials (ASTM)
11. Nature Publishing Group

In addition to the above list, the journals with impact factor equal to or more than thirty (30) will also be considered in category B.

Category C

Selection Criteria: The paper must be a journal paper with impact factor atleast one, indexed in SCI/SSCI or SCI expanded and published in the following:

1. IEEE Transactions (TRIF \geq 3)
2. IEEE Journals
3. Springer
4. Elsevier (Science Direct)
5. Oxford University Press
6. Pergamon-Elsevier Science Ltd
7. Cambridge University Press
8. Wiley-Blackwell
9. Blackwell Publishing

10. John Wiley & Sons
11. Institute of Engineering and Technology (IET)
12. Biomedical Central Ltd
13. Massachusetts Institute of Technology (MIT) Press
14. Indiana University Press
15. American Meteorological Society
16. American Physiological Society
17. American Society for Microbiology
18. American Chemical Society
19. American Institute of Physics
20. Institute of Physics (IOP) Publishing Ltd.
21. Massachusetts Medical Society
22. IOS Press
23. Princeton University Press
24. Society of Industrial and Applied Mathematics
25. Proceedings of National Academy of Sciences of the USA

In addition to the above list, SCI/SSCI and SCI expanded indexed journal not included in the above list having impact factor equal to or more than five shall also be considered for Category C.

The current/present impact factor, indexing (SCI, SCI expanded & SSCI) and other information will be taken from Clarivate analytics for evaluation of the papers. Further, the current/present details regarding Article Processing Charges levied by the journal will be taken.

The publication houses in the above categories will be added or deleted as per Guidelines for Award of Published Papers for Researchers of Delhi Technological University (F.DTU/Council/BOM-AC/Notification/31/2018/2443) as amended from time to time by the university.

The committee recommends that the guidelines may be implemented for all cases submitted w.e.f 1st July 2020.

Tentative Subjects for Fashion Design [B. Des.]

Department of Design

Delhi Technological University, Delhi

- (i) Students having a valid UCEED score will be admitted to B.Des, in Department of Design. Students can take electives of their choices concerning various specialization like Product Design, Interaction Design, Visual Communication and Fashion Design.

Requirement: A valid UCEED score

- (ii) Existing students who have not completed their second year and are interested in Fashion Design may take Fashion Design electives.
- (iii) All the subjects are as per existing B.Des., curriculum. A special basket of electives has been added to the existing curriculum, which is highlighted in green colour.
- (iv) The list of Fashion Design elective is as follows:

Sr. No	FASHION DESIGN ELECTIVES
1.	Elements of Fashion Studies
2.	Fashion Illustration
3.	Pattern- Drafting and Draping
4.	Garment Construction & Fabric Ornamentation
5.	Fashion Forecasting
6.	Visual Merchandising & Retail Merchandising
7.	Fabric studies and Introduction to Traditional Indian Textile
8.	Apparel Manufacturing (Mass Manufacturing in Garments)
9.	Fashion Management-Entrepreneurship, Marketing and Retail

List of other courses / workshop is as follows:

S.No	List of Courses / Workshop to be organize during Vacations time
1.	Stitching workshop
2.	Craft Documentation
3.	Fashion Styling
4.	Portfolio

Tentative Subjects for Fashion Design [B. Des.]

Department of Design

Delhi Technological University, Delhi

First Year 1st SEMESTER

CREDITS: 22

S No.	Code	Course Title	Credit	Contact Hours/Week				
				L	T	S	Total	
1	DD101	World of Design	2	1	0	2	2	3
2	DD103	Sketching 2D/3D & Rendering	4	1	0	6	6	7
3	DD105	Elements of Designs	2	1	0	2	2	3
4	DD107	Tinkering Studio	4	0	1	6	6	7
5	DD109	Computer Graphics 2D	4	1	0	6	6	7
6		Foundation Elective - 1	2	-	-	-	-	<4
7	DD111	Field Study/ Design Project - I	4	0	1	0	0	1

First Year 2nd SEMESTER

CREDITS: 22

S No.	Code	Course Title	Credit	Contact Hours/Week				
				L	T	S	Total	
1	DD102	Design Methodology & Methods	2	1	0	2	2	3
2	DD104	History of Design	2	1	0	2	2	3
3	DD106	Communication Studios and Semiotics	4	1	0	6	6	7
4	DD108	Material & Processes for Designers	4	2	0	4	4	6
5	DD110	Computer Aided 3D Visualization	4	1	0	6	6	7
6		Foundation Elective - II	2	-	-	-	-	<4
7	DD112	Field Study/ Design Project - II	4	0	1	0	0	1

Weights for Course Evaluation

S.No.	Course Type			Examination		Relative Weight					
	L	T	S	TH	ST	CWS	STS	MTE	ETE	STE	
1	1	0	6	Yes	Yes	10	40	10	20	20	
2	1	0	2	Yes	Yes	10	40	10	20	20	
3	0	1	6	Yes	Yes	10	40	10	20	20	
4	2	0	4	Yes	Yes	10	40	10	20	20	

STE : Students semester work to be presented before internal jury.

CWS: Assignment based on lectures

STS: work done in studios

Note: Field Study will be a part of Design Project 3

Tentative Subjects for Fashion Design [B. Des.]

Department of Design

Delhi Technological University, Delhi

Second Year 3rd SEMESTER

CREDITS: 22

S No.	Code	Course Title	Credit	Contact Hours/Week				
				L	T	S	Total	
1	DD201	Physical Ergonomics	4	1	0	6	7	
2	DD203	Design and People	2	1	0	2	3	
3	DD205	Basics of Interaction Design	4	1	0	6	7	
4	DD207	Basics of Photography and Videography	2	1	0	2	3	
5	DD209	Visual Design	4	1	0	6	7	
6	FEEXX	Foundation Elective-3	2	-	-	-		
7	DD211	Design Project- 3	4	0	1	6	7	

Second Year 4th SEMESTER

CREDITS: 22

S No.	Code	Course Title	Credit	Contact Hours/Week				
				L	T	S	Total	
1	DD202	Cognitive Ergonomics	2	1	0	2	3	
2	DD204	Video Editing & Compositing	4	1	0	6	7	
3	DD206	Colour, Context and Composition	2	1	0	2	3	
4	DDXXX	Elective- 1	4	1	0	6	7	
5	DDXXX	Elective- 2	4	1	0	6	7	
6	FEEXX	Foundation Elective - 4	2	-	-	-		
7	DD212	Design Project- 4	4	0	1	6	7	

Weights for Course Evaluation

S. No.	Course Type			Examination		Relative Weight					
	L	T	S	TH	ST	CWS	STS	MTE	ETE	STE	
1	1	0	2	Yes	Yes	10	40	10	20	20	
2	1	0	6	Yes	Yes	10	40	10	20	20	
3	0	1	6	Yes	Yes	10	40	10	20	20	

STE: Students semester work to be presented before jury.

CWS: Assignment based on lectures

STS: work done in studios

MTE / ETE: Written test based on lecture

Note: Field Study will be a part of Design Project 3

Tentative Subjects for Fashion Design [B. Des.]
Department of Design
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Second Year 4th SEMESTER

Elective- 1

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD222a	Traditional Practices in Modern Design	4	1	0	6	7
2	DD222b	Packaging Design	4	1	0	6	7
3	DD232a	Typography- 1	4	1	0	6	7
4	DD232b	System of Representation	4	1	0	6	7
5	DD242a	Ethnographic studies in Interaction Design	4	1	0	6	7
6	DD242b	New media studies	4	1	0	6	7
7	DD252a	Elements of Fashion Studies	x	x	x	x	X

Elective- 2

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD224a	Form Studies	4	1	0	6	7
2	DD224b	Creative Tinkering	4	1	0	6	7
3	DD234a	Animation- 1	4	1	0	6	7
4	DD234b	Branding & Identity Design- 1	4	1	0	6	7
5	DD244a	Process & Methods in Interaction design	4	1	0	6	7
6	DD244b	Augmented/ Virtual reality devices	4	1	0	6	7
7	DD252a	Fashion Illustration	4	1	0	6	7

Craft Documentation (During summer vacation for 2 Months)

S No.	Code	Course Title	Credit	Contact Hours/Week	Self-Initiated Project			
1	DD2X2a	Stitching Workshop (December)	x	X	x	x	x	X

Tentative Subjects for Fashion Design [B. Des.]

Department of Design

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Third Year 5th SEMESTER

CREDITS: 22

S No.	Code	Course Title	Credit	Contact Hours/Week				
				L	T	S	Total	
1	DD301	Universal Design	4	1	0	6	7	
2	DD303	Design Thinking	4	2	0	4	6	
3	DD3XX	Elective-3	4	1	0	6	7	
4	OEXXX	Open Elective	4	-	-	-	-	
5	DD311	Design Project-5	4	1	0	6	7	
6	DD313	Internship - 1	2					

Third Year 6th SEMESTER

CREDITS: 22

S No.	Code	Course Title	Credit	Contact Hours/Week				
				L	T	S	Total	
1	DD302	Sustainable Design	4	2	0	4	6	
2	DD3XX	Design Management	4	2	0	4	6	
3	DD3XX	Elective-4	4	1	0	6	7	
4	DD3XX	Elective-5	4	1	0	6	7	
5	DD312	Design Project-6	4	1	0	6	7	
6	DD314	Internship - 2	2					

Weights for Course Evaluation

S. No.	Course Type			Examination		Relative Weight					
	L	T	S	TH	ST	CWS	STS	MTE	ETE	STE	
1	1	0	2	Yes	Yes	10	40	10	20	20	
2	1	0	6	Yes	Yes	10	40	10	20	20	
3	0	1	6	Yes	Yes	10	40	10	20	20	

STE: Students semester work to be presented before jury.

CWS: Assignment based on lectures

STS: work done in studios

MTE / ETE: Written test based on lecture-6

Note: Field Study will be a part of Design Project 5 & System Design Project.

S No.	Code	Course Title	Credit	Contact Hours/Week	Self-Initiated Project				
2	DD315	Craft Documentation, As Internship - 2	x	X (December)	x	x	x	x	x

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Tentative Subjects for Fashion Design [B. Des.]
Department of Design
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Third Year 5th SEMESTER

Elective-3

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD321	Research Techniques in cognition, Perception, and creativity	4	1	0	6	7
2	DD331	Typography - 2	4	1	0	6	7
3	DD341	Animation - 2	4	1	0	6	7
4	DD351	Taxonomy of product Design	4	1	0	6	7
5	DD361	Pattern - Drafting and Draping	4	1	0	6	7

Third Year 6th SEMESTER

Elective-4

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD323	Psychology and Behavior Science	4	1	0	6	7
2	DD333	Photography - 2	4	1	0	6	7
3	DD343	Usability Insights	4	1	0	6	7
4	DD353	Garment Construction & Fabric Ornamentation	4	1	0	6	7

Elective-5

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD325	Data Visualization	4	1	0	6	7
2	DD335	Visual Narratives and Storytelling	4	1	0	6	7
3	DD345	Design and Programming	4	1	0	6	7
4	DD357	Fashion Forecasting	4	1	0	6	7

Tentative Subjects for Fashion Design [B. Des.]

Department of Design

Delhi Technological University, Delhi

Fourth Year 7th SEMESTER

CREDITS:22

S No.	Code	Course Title	Credit	Contact Hours/Week				
				L	T	S	Total	
1	DD401	Design Research	4	2	0	4	6	
2	DD4XX	Elective - 6	4	1	0	6	7	
3	DD4XX	Elective - 7	4	1	0	6	7	
4	DD4XX	Elective - 8	4	1	0	6	7	
5	DD4XX	Elective - 9	4	1	0	6		
6	DD413	Internship - 3	2					

Fourth Year 8th SEMESTER

CREDITS:22

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DDXXX	Design Seminar	2	-	-	-	
2	DDXXX	Design Degree Show	4	-	-	-	
3	DD412	B Des Project	16	0	0	32	32

Weights for Course Evaluation

S. No.	Course Type			Examination		Relative Weight				
	L	T	S	TH	ST	CWS	STS	MTE	ETE	STE
1	1	0	2	Yes	Yes	10	40	10	20	20
2	1	0	6	Yes	Yes	10	40	10	20	20
3	0	1	6	Yes	Yes	10	40	10	20	20

STE: Students semester work to be presented before jury.

CWS: Assignment based on lectures

STS: work done in studios

MTE / ETE: Written test based on lecture

Tentative Subjects for Fashion Design [B. Des.]
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Fourth Year 7th SEMESTER

Elective- 6

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD322	Model Making and Prototyping	4	1	0	6	7
2	DD332	Graphic Design	4	1	0	6	7
3	DD342	Augmented and Virtual Reality	4	1	0	6	7
4	DD352	Visual Merchandising & Retail Merchandising	4	1	0	6	7

Elective- 7

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD324	Mobility Design	4	1	0	6	7
2	DD334	New Media Studies	4	1	0	6	7
3	DD344	Advanced Material Processes and Finishes	4	1	0	6	7
4	DD354	Fabric studies and Introduction to Traditional Indian Textile	4	1	0	6	7

Elective- 8

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD326	Applied Ergonomics	4	1	0	6	7
2	DD336	Advance Animation and Moving Image Design	4	1	0	6	7
3	DD346	Design for UX	4	1	0	6	7
4	DD356	Apparel Manufacturing (Mass Manufacturing in Garments)	4	1	0	6	7

Elective- 9

S No.	Code	Course Title	Credit	Contact Hours/Week			
				L	T	S	Total
1	DD328	Medical Equipment Design	4	1	0	6	7
2	DD338	Branding - 2	4	1	0	6	7
3	DD348	Service Design	4	1	0	6	7
4	DD358	Fashion Management-Entrepreneurship, Marketing and Retail	4	1	0	6	7

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R

Workshop (During summer vacation for 2 Months)

S No.	Code	Course Title	Credit	Contact Hours/Week	Self-Initiated Project			
1	DDxxx	Fashion Styling	4	x	x	x	x	x
2	DDxxx	Portfolio Making	4	x	x	x	x	x

Weights for Course Evaluation

S. No.	Course Type			Examination		Relative Weight					
	L	T	S	TH	ST	CWS	STS	MTE	ETE	STE	
1	1	0	2	Yes	Yes	10	40	10	20	20	
2	1	0	6	Yes	Yes	10	40	10	20	20	
3	0	1	6	Yes	Yes	10	40	10	20	20	

STE: Students semester work to be presented before jury.

CWS: Assignment based on lectures

STS: work done in studios

MTE / ETE: Written test based on lecture

Tentative Subjects for Fashion Design [B. Des.]

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Apart from this, DOD, FD should also concentrate on following subjects or area of work:

- Industry work experience
- Fashion Design Workshops
- Computer Aided Design (Software based): Adobe suite, NED graphics, GURBUZ (Not sure of the spelling), Tukatec and plagiarism check software
- Knitwear
- Kids Wear
- Any other customer specified course like Men-wear / Indian ethnic wear etc.

FACULTY RESOURCES

1. Core Faculty (Areas of Competence) Design, Design theory, Design Media, Craft & Production Technology, Design Project Guidance, Curriculum Coordination, Subject expertise in Clothing, Apparel, Fashion & Accessory, jewelry & accessories, design management, fashion, & Art history, design history & philosophy.
2. Visiting Faculty – Special Subject inputs for lectures and for electives
3. Guest Lectures – Eminent individuals from various fields

TECHNICAL & ADMINISTRATIVE SUPPORTS

1. Laboratory Assistance, Skilled Craftsmen & Technical Assistants in each special discipline
2. Security, Maintenance, Office Assistance

TEACHING SPACES

Lecture rooms, Meetings rooms, Studio with individual workspace, audio-visual facilities, Open air meeting, Workshops, Hall for common interaction and exhibition & show-case area

MINI RESOURCE CENTRE & LINKAGE WITH NIFT RESOURCE CENTRE SERVICES

Stationary shop with all the required material for the courses of DOD and services and Printing shop

EQUIPMENT & MACHINERY REQUIREMENTS

MODEL SCALE WORKSHOPS Textile and Clothing Lab Portable hand tools/power tools, leather stitching General-purpose workbenches Power and hand tools, Dress Forms (all sizes 5 atleast), Mannequins, Cork tables, Jucci Sewing Machines, Steam Press etc

TEACHING EQUIPMENT - Audio-visual equipment, TV, Video, slide projectors, overhead projector, computer projectors RGB/OHP facility.

DESIGN STUDIO EQUIPMENT - Computer Aided Design & Documentation Lab Digital Photo & Video Lab equipment Light table, Manual drafting, presentation tools Computer CAD/CAM System Software sets for faculty and students, Storage lockers for students & Faculty.

DEPARTMENT OF APPLIED CHEMISTRY
BACHELOR OF TECHNOLOGY (POLYMER SCIENCE & CHEMICAL TECHNOLOGY)

I Year: Odd Semester

Teaching Scheme				Contact Hours/ Week			Exam Duration (h)		Relative Weights (%)					
S. No.	Subject Code	Course Title	Subject Area	Credit	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
Group A														
1	MA101	Mathematics - I	ASC	4	3	1	0	3	0	25	-	25	50	-
2	AP101	Physics – I	ASC	4	3	0	2	3	0	15	15	30	40	-
3	AC101	Chemistry	ASC	4	3	0	2	3	0	15	15	30	40	-
4	ME101	Basic Mechanical Engineering	AEC	4	4	0	0	3	0	25	-	25	50	-
5	ME103	Workshop Practice	AEC	2	0	0	3	0	3	-	50	-	-	50
6	HU101	Communication Skills	HMC	3	3	0	0	3	0	25	-	25	50	-
Total				21	16	1	7							
Group B														
1	MA101	Mathematics - I	ASC	4	3	1	0	3	0	25	-	25	50	-
2	AP101	Physics – I	ASC	4	3	0	2	3	0	15	15	30	40	-
3	EE101	Basic Electrical Engineering	AEC	4	3	0	2	3	0	15	15	30	40	-
4	CO101	Programming Fundamentals	AEC	4	3	0	2	3	0	15	15	30	40	-
5	ME105	Engineering Graphics	AEC	2	0	0	3	0	3	-	50	-	-	50
6	EN101	Introduction to Environmental Science	AEC	3	3	0	0	3	0	25	-	25	50	-
Total				21	15	1	9							

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I Year: Even Semester

Teaching Scheme				Contact Hours/ Week	Exam Duration		Relative Weights (%)							
S. No.	Subject Code	Course Title	Subject Area	Credit	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
Group A														
1	MA102	Mathematics-II	ASC	4	3	1	0	3	0	25	-	25	50	-
2	AP102	Physics – II	ASC	4	3	0	2	3	0	15	15	30	40	-
3	EE102	Basic Electrical Engineering	AEC	4	3	0	2	3	0	15	15	30	40	-
4	CO102	Programming Fundamentals	AEC	4	3	0	2	3	0	15	15	30	40	-
5	ME102	Engineering Graphics	AEC	2	0	0	3	0	3	-	50	-	-	50
6	EN102	Introduction to Environmental Science	AEC	3	3	0	0	3	0	25	-	25	50	-
Total				21	15	1	9							
Group B														
1	MA102	Mathematics – II	ASC	4	3	1	0	3	0	25	-	25	50	-
2	AP102	Physics – II	ASC	4	3	0	2	3	0	15	15	30	40	-
3	AC102	Chemistry	ASC	4	3	0	2	3	0	15	15	30	40	-
4	ME104	Basic Mechanical Engineering	AEC	4	4	0	0	3	0	25	-	25	50	-
5	ME106	Workshop Practice	AEC	2	0	0	3	0	3	-	50	-	-	50
6	HU102	Communication Skills	HMC	3	3	0	0	3	0	25	-	25	50	-
Total				21	16	1	7							

PSC-T-8

II Year: Odd Semester

S.No.	Code	Title	Area	Cr	L	T	P	TH	PH	CWS	PRS	MTE	ETE	PRE
1.	EC271	Basic Electronics Engg.	AEC	4	3	0	2	3	0	15	15	30	40	-
2.	PT201	Principles of Polymerization	DCC	4	3	0	2	3	0	15	15	30	40	-
3.	PT203	Elements of Chemical Engg.	DCC	4	3	0	2	3	0	15	15	30	40	-
4.	PT205	Chemical Engineering Thermodynamics	DCC	4	3	0	2	3	0	15	15	30	40	-
5.	PT207	Engineering Analysis and Design	DCC	4	3	0	2	3	0	15	15	30	40	-
6.	MG201	Fundamentals of Management	HMC	3	3	0	0	3	-	25	-	25	50	-
		Total		23										

II Year: Even Semester

S.No.	Code	Title	Area	Cr	L	T	P	TH	PH	CWS	PRS	MTE	ETE	PRE
1.	EE282	Instrumentation and Control	AEC	4	3	0	2	3	0	15	15	30	40	-
2.	PT202	Fluid Mechanics	DCC	4	3	0	2	3	0	15	15	30	40	-
3.	PT204	Polymer Processing	DCC	4	3	0	2	3	0	15	15	30	40	-
4.	PT206	Polymer Structure and Properties	DCC	4	3	0	2	3	0	15	15	30	40	-
5.	PT208	Chemical Reaction Engg.	DCC	4	3	0	2	3	0	15	15	30	40	-
6.	HU202	Engineering Economics	HMC	3	3	0	0	3	-	25	-	25	50	-
		Total		23										

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III Year: Odd Semester

S.No..	Code	Title	Area	Cr	L	T	P	TH	PH	CWS	PRS	MTE	ETE	PRE
1.	PT301	Heat Transfer	DCC	4	3	0	2	3	0	15	15	30	40	-
2.	PT303	Polymer Processing Techniques	DCC	4	3	0	2	3	0	15	15	30	40	-
3.	PT3xx	Departmental Elective Course-1	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	-
4	PT3xx	Departmental Elective Course-2	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	-
5.	UE	Open Elective Course	OEC	3	3	0	0	3	0	25	-	25	50	-
6.	HU301	Technical Communication	HMC	2	2	0	0	3	-	25	-	25	50	-
		Total		21										

III Year: Even Semester

S.No.	Code	Title	Area	Cr	L	T	P	TH	PH	CWS	PRS	MTE	ETE	PRE
1.	PT302	Rubber Technology	DCC	4	3	0	2	3	0	15	15	30	40	-
2.	PT304	Mass Transfer	DCC	4	3	0	2	3	0	15	15	30	40	-
3.	PT306	Plastic Technology	DCC	4	3	0	2	3	0	15	15	30	40	-
4.	PT3xx	Departmental. Elective Course-3	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	-
5.	PT3xx	Departmental. Elective Course-4	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	-
6.	HU304	Professional Ethics and Human values	HMC	2	2	0	0	3	-	25	-	25	50	-
		Total		22										

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IV Year: Odd Semester

S. No	Code	Title	Area	Cr	L	T	P	TH	PH	CWS	PRS	MTE	ETE	PRE
1.	PT401	B. Tech Project-I	DCC	4										
2.	PT403	Training Seminar	DCC	2										
3.	PT405	Fibre Technology	DCC	4	3	0	2	3	0	15	15	30	40	-
4.	PT407	Chemical Process Technology	DCC	4	3	0	2	3	0	15	15	30	40	-
5.	PT4xx	Departmental. Elective Course - 5	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	
6.	PT4xx	Departmental. Elective Course - 6	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	
		Total		22										

IV Year: Even Semester

S. No.	Code	Title	Area	Cr	L	T	P	TH	PH	CWS	PRS	MTE	ETE	PRE
1.	PT402	B. Tech Project-II	DCC	8										
2.	PT404	Polymer Product and Die Design	DCC	4	3	0	2	3	0	15	15	30	40	-
3.	PT4xx	Departmental. Elective Course-7	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	
4.	PT4xx	Departmental Elective Course-8	DEC/ GEC	4	3	0/1	2/0	3	0	15/ 25	15/-	30 /25	40/ 50	
		Total		20										

PSCT-11

List of Departmental Electives Courses

S. No.	Sub. Code	Course Title	DEC detail
1.	PT-305	Process Equipment Design	DEC – 1 & 2
2.	PT-307	Optimization Techniques	
3.	PT-309	Petroleum Refining Engineering	
4.	PT-311	Renewable & Non-renewable energy	
5.	PT-313	Combustion Engineering	
6	PT-315	Packaging Technology	
7	PT-317	Polymer Coatings & Adhesives	
8	PT-319	Biomaterials	
9	PT-321	Biosensor Technology	DEC – 3 & 4
10	PT-323	Biochemical Engineering	
11	PT-308	Advanced Chemical Reaction Engineering	
12	PT-310	Chemical Process Simulation	
13	PT-312	Numerical Methods in Chemical Engineering	
14	PT-314	CAD in Chemical Engineering	
15	PT-316	Corrosion Engineering	
16	PT-318	Polymer Blends and Composite	
17	PT-320	Polymer Rheology	
18	PT-322	Non-Woven Technology	
19	PT-324	Application of Nanotechnology in Polymer	
20	PT-326	Polymer Reaction Engineering	

P SCT-12

21	PT-409	Tyre Technology	DEC - 5 & 6
22	PT-411	Thermoplastic Elastomers	
23	PT-413	Resins Technology	
24	PT-415	Paint Technology	
25	PT-417	Footwear Technology	
26	PT-419	Plastic and Environment	
27	PT-421	Industrial Waste Management	
28	PT-423	Polymer Degradation	
29	PT-425	Energy Conservation & Recycling	
30	PT-427	Safety & Hazards in Chemical Industry	
31	PT-406	Speciality Polymers	DEC - 7 & 8
32	PT-408	Colouration Technology	
33	PT-410	Membrane Technology	
34	PT-412	Inorganic Polymer	
35	PT-414	Food Technology	
36	PT-416	Process Design and Engineering Economics	
37	PT-418	Fertilizer Technology	
38	PT-420	Fuel Cell Technology	
39	PT-422	Pharmaceutical Technology	
40	PT-424	Rocket Propulsion and Explosives	

PSC-T-13

List of Open Elective Courses

S.No.	SUBJECT CODE	SUBJECTS
1.	CO351	Enterprise & Java Programming
2.	CO353	E-commerce & ERP
3.	CO355	Cryptography & Information Security
4.	CO357	Operating System
5.	CO359	Intellectual Property Rights & Cyber Laws
6.	CO361	Database Management System
7.	EC351	Mechatronics
8.	EC353	Computer Vision
9.	EC355	Embedded System
10.	EC 357	Digital Image Processing
11.	EC359	VLSI Design
12.	EE351	Power Electronics Systems
13.	EE353	Electrical Machines and Power Systems
14.	EE355	Instrumentation Systems
15.	EE357	Utilization of Electrical Energy
16.	EE359	Non-conventional Energy Systems
17.	EE361	Embedded Systems
18.	EN351	Environmental Pollution & E- Waste Management
19.	EN353	Occupational Health & Safety Management
20.	EN355	GIS & Remote Sensing
21.	EP351	Physics of Engineering Materials
22.	EP353	Nuclear Security
23.	HU351	Econometrics
24.	MA351	History Culture & Excitement of Mathematics
25.	ME351	Power Plant Engineering
26.	ME353	Renewable Sources of Energy
27.	ME355	Combustion Generated Pollution
28.	ME357	Thermal System

PSCT-14

29.	ME359	Refrigeration & Air Conditioning
30.	ME361	Industrial Engineering
31.	ME363	Product Design & Simulation
32.	ME365	Computational fluid dynamics
33.	ME367	Finite Element Methods
34.	ME369	Total Life Cycle Management
35.	ME371	Value Engineering
36.	MG351	Fundamentals of Financial Accounting and Analysis
37.	MG353	Fundamentals of Marketing
38.	MG355	Human Resource Management
39.	MG357	Knowledge and Technology Management
40.	PE351	Advance Machining Process
41.	PE 353	Supply Chain Management
42.	PE355	Work Study Design
43.	PE357	Product Design & Simulation
44.	PE359	Total Life Cycle Management
45.	PE361	Total Quality Management
46.	PT361	High Performance Polymers
47.	PT363	Separation Technology
48.	PT365	Non-Conventional Energy
49.	PT367	Polymer Waste Management
50.	PT369	Nanotechnology in Polymers
51.	PT371	Applications of Polymer Blends and Composite
52.	IT 351	Artificial Intelligence and Machine Learning
53.	IT 353	Data Structures and Algorithms
54.	IT 355	Communication and Computing Technology
55.	IT 357	Internet and Web Programming
56.	IT 359	Java Programming
57.	CE351	Geoinformatics and its applications

PSCT-15

-25-

R



Dr. Sudhir Warkar <sudhirwarkar@gmail.com>

PSCT Nomenclature - Placement Difficulties**PRACHI BAGLA** <prachibagla1997@gmail.com>

To: sudhirwarkar@gmail.com

Cc: manishjain@dtu.ac.in

Mon, Apr 20, 2020 at 7:43 PM

Greetings,

As the discussion regarding the current nomenclature of PSCT Branch i.e. Polymer Science & Chemical Technology prevails, I, Prachi Bagla - Placement Coordinator (2019-2020) would like to share my experience with the existing nomenclature and the concerned recruiting companies.

1. Although the branch offers the combined knowledge of both Polymer Science (approximately 40% weightage) and Chemical Technology (60% weightage), the latter is mostly ignored by the recruiters. This can be clearly explained by the fact that almost 90% of the companies visiting for core/technical related roles are Polymer Companies for eg. Kingfa, Bhansali Polymers, Reliance Industries etc. that too generally have a not so good pay scale. This clearly states that despite the existence of a vast number of Chemical Companies in the manufacturing sector, we are not able to attract them due to the present nomenclature.

2. The representation of the Roll numbers of the students i.e. the 2K16/PS/XX format has caused issues to companies like Bechtel, Saint Gobain, Fluor Daniel. The 'PS' representation in the roll number format leaves a deep impression in the minds of the recruiters that the branch focuses majorly on the Polymer side. This leads to the not shortlisting of potential candidates from the branch for whom these might be the dream companies as these are big technical firms.

2. Companies like Aditya Birla Chemicals, BASF, Solenis, GFL, Tata Chemicals, JK Tyres, are generally not interested in participating in the recruitment process as the present nomenclature does not clearly depict the presence of Chemical Technology and these companies are more chemically oriented.

3. The Non-technical profiles, companies such as KPMG, PWC, Transorg Analytics, Capgemini generally have the tendency to ignore courses that they are less familiar with, in our case its 'Polymer'. Hence not shortlisting the students from our branch. Changing the branch name to Chemical Technology/Engineering would definitely draw attention of these recruiters as Chemical Engineering/ Technology is widely known even among IIT's and other reputed colleges, the recruiters would be more familiar to this.

4. Hindustan Unilever Limited agreed for our branch but the students didn't have the enough required Chemical engineering knowledge that they were looking for. Hence, there were no selections.

Hence, considering all the above factors, best of my knowledge and experience I strongly believe that ' Chemical Technology' or 'Chemical Engineering' would eradicate the problem that students of PSCT Branch have been facing since a very long time in the recruitment processes as it would match the kind of job role company's usually are interested in and would clearly depict the main portion of the course that students study. Hence, attracting chemical companies along with the polymer ones.

Thanks and Regards

Prachi Bagla

Placement Coordinator DTU

-26-

A



Dr. Sudhir Warkar <sudhirwarkar@gmail.com>

Regarding Nomenclature (Alumni Responses)

Mon, Apr 20, 2020 at 8:34 PM

Saksham Srivastava <saksham_b12k17@dtu.ac.in>
To: "Prof. S. G. Warkar" <sudhirwarkar@gmail.com>
Cc: Manish Jain <manishjain@dtu.ac.in>

Greetings, Sir!

I am delighted that our department is taking this initiative of changing the nomenclature for the betterment of its students. Thanks for taking me in.

As told by you, I have discussed this issue with numerous alumni of the Department. I tried to take their responses on mail as well but not many have sent. Anyways, I will try to be very honest with my analysis.

Most of the Alumni were happy regarding this name change from **Polymer Science & Chemical Technology (P SCT)** to **Chemical Technology** as it is a widely accepted course both in India & abroad. Most of them have accepted the fact that because of the dual nature, it becomes a task to call companies for placements especially the core ones. The P SCT is not a well-recognised branch and they had to face problems because of that.

I talked to some previous Placement Coordinators and I tried to take their opinions as well. Almost everyone agreed that explaining about **P SCT** to the recruiters is a tough nut to crack. Because of the name, we do miss a lot of opportunities in terms of placements as industries generally favour **conventional nomenclature** over something which gives a dual idea. They strongly suggested that name should be **Chemical Engineering** and if that is not possible then nothing other than **Chemical Technology**.

Also, almost every alumnus was reluctant on the suggested name of **Chemical Technology (Polymer Technology)**. The points that I have received were: -

- 1) The specialisation, when explicitly mentioned on a degree, will significantly **hamper** the chances of **core companies**.
- 2) They suggested that the name on the degree should give a **single idea**.
- 3) They also accepted that **Chemical Technology** is a wide field and would automatically cover the **portion of the polymer**. So, it is a win-win situation for everyone.
- 4) They shared that the new name is nothing but just the **reverse** of the previous one which will not serve the purpose of this whole thing.
- 5) They also added that it is a **very long name** with repetition of words like Technology.

I will not disagree that I received a few negative responses too on this especially from the alumni working in the polymer sector. These alumni were not in the favour of name change as they believed that **Polymer** is the backbone of the degree and putting it behind or removing it will hamper the very existence of the UG degree. They believed that this was not a problem in their time primarily because they used to receive a degree in **Bachelor of Engineering (B.E.)**.

The crux, in my opinion, is we should try for **Chemical Engineering** if that is possible in any case and should try to revise the curriculum in different folds. This I believe is not an easy process. The second-best option that I could see is **Chemical Technology** without mentioning any specialisation explicitly on the degree.

Thanks & Regards

Saksham Srivastava
Placement Coordinator (2020-21)
Delhi Technological University
(+91-9650848387)



Mon, Apr 20, 2020 at 8:07 PM

- of the two disciplines.



Dr. Sudhir Warkar <sudhirwarkar@gmail.com>

Fwd: Feedback Regarding the Change of Nomenclature

Saksham Srivastava <saksham_bizk17@dtu.ac.in>

Mon, Apr 20, 2020 at 6:54 PM

To: "Prof. S. G. Warkar" <sudhirwarkar@gmail.com>

----- Forwarded message -----

From: Shiva Wadhwa <shivawadhwa@gmail.com>

Date: Thu 2 Apr, 2020, 9:21 PM

Subject: Re: Feedback Regarding the Change of Nomenclature

To: Saksham Srivastava <saksham_bizk17@dtu.ac.in>

Hi Saksham,

Thanks for contacting me. I will try to give unbiased opinion based on my experience in Chemical Industry.

I feel changing it to only "Chemical Technology" is far better than adding Polymer specialization to it. Chemical technology is vast field and polymer is smaller portion of that larger domain. Adding Polymer specialization will narrow your area of expertise and many subjects related to chemical technology that we studied will carry no weightage. If i talk about numbers, Polymer jobs share is only 8-12% out of all chemical technology jobs. So adding polymer specialization will eat into 85%+ of jobs and also knowledge that you gained related to chemical technology.

I request DCE Authorities to reconsider their decision and think about impact of this change in larger perspective. I strongly recommend and vote for "Chemical Technology". I don't want students to face similar issues that most of us have gone through while looking for good job opportunities. I hope you will consider my feedback and club it with other's opinion before taking this big step.

Thanks and Regards**Shiva Wadhwa****Chemical Process Specialist**

On Thu, Apr 2, 2020 at 8:38 PM Saksham Srivastava <saksham_bizk17@dtu.ac.in> wrote:

Greetings, Sir!

I wanted to inform you that Applied Chemistry Department, Delhi Technological University is deciding to change the nomenclature of its undergraduate (B.Tech) course, Polymer Science & Chemical Technology (PSC1) to **Chemical Technology (Specialisation in Polymer Technology)**.

Being an alumnus of this college and particularly graduating from this stream, we find your feedback and opinions on this as utmost important. I, therefore, request you to give your honest opinions on the same.

(We are particularly looking for the problems that you've faced (if faced) because of the current nomenclature. How beneficial do you find the new nomenclature in terms of placements, industry, masters application, recognition etc?)

Thanks & Regards**Saksham Srivastava****Placement Coordinator (2020-21)****Delhi Technological University****(+91-9650848387)**



Dr. Sudhir Warkar <sudhirwarkar@gmail.com>

Fwd: Feedback Regarding the Change of Nomenclature

Saksham Srivastava <saksham_b12k17@dtu.ac.in>

Mon, Apr 20, 2020 at 6:53 PM

To: "Prof. S. G. Warkar" <sudhirwarkar@gmail.com>

----- Forwarded message -----

From: Ayush Mukherjee <ayush.mukherjee96@gmail.com>

Date: Thu 26 Mar, 2020, 1:26 AM

Subject: Re: Feedback Regarding the Change of Nomenclature

To: Saksham Srivastava <saksham_b12k17@dtu.ac.in>

Hey Saksham,

Thank you so much for reaching out to me. I am sorry for the late reply since I was in the office. Fortunately, from today I have to work from home because of the coronavirus crisis. Firstly, congratulations on being the placement coordinator. Hopefully, everyone gets placed and I am sure you'll be doing a great job.

Honestly, I feel it is a great move to change the nomenclature of the undergraduate degree name since chemical engineering/technology is widely recognized in the industries. Polymer science is best for students who have a more research-oriented mindset and want to do a Ph.D. later in polymers or materials science and engineering. I did my MS in Materials Engineering from Penn State and what I learned was that polymer is exciting and has a vast research field. You'll learn a lot of new stuff which you may not have studied and thought of during the BTech course. However, personally, as per my experience, students do face issues in getting into an industry. Students who are looking for a job, placement (whether it is technical or non-technical) and want to get into the industry, do face issues because of the nomenclature. I faced them and I think others face to some extent as well. Since 90% of the students in DTU are more focussed on getting an amazing package rather than pursuing a Ph.D., it definitely is the right move.

All the best to you and everyone in the PSCT group. Hopeful I get to meet and reconnect with my professors as well once I come to India.

With warm regards,

Ayush Mukherjee (DTU/2K14/PSCT)

On Tue, Mar 24, 2020 at 8:32 PM Saksham Srivastava <saksham_b12k17@dtu.ac.in> wrote:
Greetings, Sir!

I wanted to inform you that Applied Chemistry Department, Delhi Technological University is deciding to change the nomenclature of its undergraduate (B.Tech) course, Polymer Science & Chemical Technology (PSCT) to **Chemical Technology (Specialisation in Polymer Technology)**.

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(We are particularly looking for the problems that you've faced (if faced) because of the current nomenclature. How beneficial do you find the new nomenclature in terms of placements, industry, masters application, recognition etc?)

Thanks & Regards

Saksham Srivastava
Placement Coordinator (2020-21)
Delhi Technological University
(+91-9650848387)

Ayush Mukherjee
Graduate Student (Accelerated Master's Program)
Department of Materials Science & Engineering



Dr. Sudhir Warkar <sudhirwarkar@gmail.com>

Fwd: Feedback Regarding the Change of Nomenclature

Saksham Srivastava <saksham_b12k17@dtu.ac.in>

Mon, Apr 20, 2020 at 6:54 PM

To: "Prof. S. G. Warkar" <sudhirwarkar@gmail.com>

----- Forwarded message -----

From: **Srivastava, Shashank** <srivastavashashank@indianoil.in>

Date: Thu 2 Apr, 2020, 8:21 PM

Subject: Re: Feedback Regarding the Change of Nomenclature

To: Saksham Srivastava <saksham_b12k17@dtu.ac.in>

Chemical technology is more widely accepted course and wider acceptability. Various chemical core companies in the past have not recognised the dual nature of our course as a result affecting placements significantly. This is a welcome step

Best wishes
Regards

Sent from my iPhone

On 02-Apr-2020, at 8:17 PM, Saksham Srivastava <saksham_b12k17@dtu.ac.in> wrote:

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Greetings, Sir!

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Thanks & Regards

Saksham Srivastava
Placement Coordinator (2020-21)
Delhi Technological University
(+91-9650848387)

अस्वीकरण

यह संदेश इंडियन ऑयल मेसेजिंग गेटवे, भारत से भेजा गया है। इस इलेक्ट्रॉनिक संदेश में निहित जानकारी और इसके साथ कोई भी संलग्नक केवल प्रेषित व्यक्ति (यो) के लिए ही है और इसमें स्वामित्व, गोपनीय या विशेषाधिकार प्राप्त जानकारी हो सकती है। यदि आप वांछित प्राप्तकर्ता नहीं हैं तो आपको इस ई-मेल को प्रसारित, विवरित या कॉपी नहीं करना



Dr. Sudhir Warkar <sudhirwarkar@gmail.com>

Fwd: Feedback Regarding the Change of Nomenclature

Mon, Apr 20, 2020 at 6:54 PM

Saksham Srivastava <saksham_b12k17@dtu.ac.in>
To: "Prof. S. G. Warkar" <sudhirwarkar@gmail.com>

----- Forwarded message -----

From: Shiva Wadhwa <shivawadhwa@gmail.com>
Date: Thu 2 Apr, 2020, 9:21 PM
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To: Saksham Srivastava <saksham_b12k17@dtu.ac.in>

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I feel changing it to only "**Chemical Technology**" is far better than adding Polymer specialization to it. Chemical technology is vast field and polymer is smaller portion of that larger domain. Adding Polymer specialization will narrow your area of expertise and many subjects related to chemical technology that we studied will carry no weightage.

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Thanks and Regards

Shiva Wadhwa
Chemical Process Specialist

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Thanks & Regards

Saksham Srivastava
Placement Coordinator (2020-21)
Delhi Technological University
(+91-9650848387)

Recruitment of GTs in Engineering and Geo-Science Disciplines through GATE-2020

Oil and Natural Gas Corporation Limited (ONGC), a "Maharatna" Public Sector Enterprise, and India's flagship energy major is engaged in Exploration and Production of Oil and Gas in India and abroad. A global player in energy, it contributes about 75% of India's domestic Oil and Gas production. Currently, ONGC through its subsidiary ONGC Videsh is India's largest Transnational Corporate with overseas investment of around 28 billion USD in 41 projects across 20 countries.

ONGC offers one of the best compensation packages in cost to company (CTC) terms in the country which comes to approximately INR 20.06 Lacs at E1 level with opportunity of merit-oriented advancement in a professionally managed organisation focused on growth.

ONGC is looking for promising, energetic and young Indian citizens with bright academic record to join the organization as Class-I executives (at E-1 level) in the Engineering and Geo-Science disciplines. The selected candidates may be posted anywhere in India or abroad depending upon the requirements of the organization.

1. Pay scales, Emoluments & Other Financial Benefits

S	Post	Basic Pay Scale (₹)	Allowances
1	E1	60,000 - 1,80,000/-	Besides Basic Pay and annual increment @ 3%, the employee is entitled to allowances @ 35% of Basic Pay under Cafeteria Approach, Dearness Allowance, HRA/Company Accommodation, Contributory Provident Fund, Conveyance Maintenance, Leave Encashment, Substantial Performance Related Pay (PRP), Medical Facility for self and dependents, Gratuity, Post Retirement Benefit Scheme and Composite Social Security Scheme etc. as per Company rules.

2. NAME OF THE POSTS AND ELIGIBILITY CRITERIA

2.1 Essential Qualification

Sl. No.	Post	Identified Suitable for Benchmark Disabilities	Minimum Essential Qualification	GATE subject & Code
1	AEE (Cementing)- Mechanical		Graduate Degree in Mechanical Engineering with minimum 60% marks.	Mechanical Engineering (ME)
2	AEE (Civil)	Category C (OA, OL), Category B	Graduate Degree in Civil Engineering with minimum 60% marks.	Civil Engineering (CE)
3	AEE (Drilling)- Mechanical		Graduate Degree in Mechanical Engineering with minimum 60% marks	Mechanical Engineering (ME)
4	AEE (Electrical)	Category C (OL), Category B	Graduate Degree in Electrical Engineering with minimum 60% marks Should have Certificate of competency as Electrical Supervisor.	Electrical Engineering (EE)
5	AEE (Electronics)	Category C (OL), Category B	Graduate Degree in Electronics Engineering with minimum 60% marks Graduate Degree in Telecom Engineering with minimum 60% marks Graduate Degree in E&T Engineering with minimum 60% marks	Electronics and Communication Engineering (EC)
6	AEE (Instrumentation)	Category C (OL), Category B	Post Graduate Degree in Physics with Electronics with minimum 60% marks Graduate Degree in Instrumentation Engineering with minimum 60% marks	Physics (PH) Instrumentation Engineering (IN)
7	AEE (Mechanical)	Category C (OL), Category B	Graduate Degree in Mechanical Engineering with minimum 60% marks	Mechanical Engineering (ME)
8	AEE (Production)- Mechanical		Graduate Degree in Mechanical Engineering with minimum 60% marks	Mechanical Engineering (ME)
9	AEE (Production)- Chemical		Graduate Degree in Chemical Engineering with minimum 60% marks**	Chemical Engineering (CH)
10	AEE (Production)- Petroleum		Graduate Degree in Petroleum Engineering / Applied Petroleum Engineering with minimum 60% marks	Petroleum Engineering (PE)
11	AEE (Reservoir)		Post Graduate Degree in Geology (Must have Mathematics / Physics at B.Sc. level) with minimum 60% marks Post Graduate Degree in Chemistry with minimum 60% marks (Must have Mathematics / Physics at B.Sc. level)	Geology & Geophysics (Part A and Section 1 of Part-B) (GG) Chemistry (CY)
12	Chemist	Category C (OA, OL)	Post Graduate Degree in Chemistry with minimum 60% marks	Chemistry (CY)
13	Geologist	Category C (OA, OL), Category B	M.Sc. or M. Tech in (Petroleum Geoscience) with minimum 60% marks M.Sc. or M. Tech in (Petroleum Geology) with minimum 60% marks M. Tech in (Geological Technology) with minimum 60% marks Post Graduate Degree in Geology with minimum 60% marks	Geology & Geophysics (Part A and Section 1 of Part-B) (GG) Geology & Geophysics (Part A and Section 2 of Part-B) (GG)
14	Geophysicist (Surface)		Post Graduate Degree in Geophysics with minimum 60% marks M. Tech in (Geophysical Technology) with minimum 60% marks Post Graduate Degree in Physics with Electronics with minimum 60% marks	Geology & Geophysics (Part A and Section 2 of Part-B) (GG) Physics (PH)
15	Geophysicist (Wells)		Post Graduate Degree in Geophysics with minimum 60% marks M. Tech in (Geophysical Technology) with minimum 60% marks Post Graduate Degree in Physics with Electronics with minimum 60% marks	Geology & Geophysics (Part A and Section 2 of Part-B) (GG) Physics (PH)
16	Materials Management Officer	Category C (OA, OL & BL), Category B, Category A (LV)	Graduate Degree in Engineering with minimum 60% marks	Materials Management (MA)
				Physics (PH) Mathematics (MA) Chemical Engineering (CH) Petroleum Engineering (PE) Civil Engineering (CI) Electrical Engineering (EE) Instrumentation Engineering (IN) Petroleum Engineering (PE) Computer Science & Information Technology (CS) Production and Industrial Engineering (PI)

Continued

prescribed percentage of marks by 31.07.2020. If they fail to submit the document by 31.07.2020 their candidature will be summarily rejected and no communication/ consideration will be entertained in this regard

2.3 Age Limit (with age relaxation) as on 31.07.2020

Category of Posts	Age limit (except Drill/Cementing)	For Drilling/ Cementing
Unreserved /EWS	30 years	28 years
OBC	33 years	31 years
SC/ST	35 years	33 years
Persons with Disabilities(PWD)	40 years (further relaxed by 3 yrs for OBC and 5 yrs for SC/ST)	Not Applicable
Ex-Service men (General, OBC, SC, ST)	35 years	33 years
Departmental candidates	(Notification No 39016/10/79-ESit(C) dated 15.12.1979. 36034/1/2006 ESit(Res) dated 04.10.2012. OM.36034/1/2013- ESit(Res) dated 08.04.2013)	
Age relaxation will be extended to departmental candidates to the extent of their service rendered in ONGC		

Note:

i) Candidates seeking reservation as SC/ST/OBC, will have to submit at the time of interview, caste certificate, only in the prescribed proforma meant for appointment to posts under the Government of India from the designated authority indicating clearly the candidates caste, the Act/Order under which the caste is recognised as SC/ST/OBC and the Village/Town the candidates is ordinarily resident of.

ii) Prescribed format of the caste certificate for SC/ST/OBC & PWD for employment in government under taking is down-loadable from the online application site.

iii) OBC candidates must ensure that they possess the latest Non-Creamy layer certificate issued by Government of India authority from time to time A certificate containing any variation in the caste name will not be accepted.

iv) Candidates seeking reservation under EWS will have to submit, at the time of interview, an Income and Asset Certificate issued by a competent authority. The prescribed format and the competent authority have been given in Department of Personal & Training Office Memorandum No.36039/1/2019- ESit (Res) dated 31/01/2019.

v) Where in any recruitment year any vacancy earmarked for EWS cannot be filled up due to non-availability of a suitable candidate belonging to EWS, such vacancies for that particular recruitment year shall not be carried forward to the next recruitment year as backlog.

vi) The candidate has to compulsorily produce the certificate of Caste / EWS, if declared so, if they fail to produce the documents in support of declared status of category / EWS, their candidature will not be considered.

3. Number of Posts with reservation for SC/ST/OBC/EWS/PWD will be posted at www.ongcindia.com subsequently at the time of inviting the online application.

4. SELECTION PROCESS:

The selection process will comprise of the following:

- GATE - 2020: The desirous and eligible candidates having the essential qualification for the advertised posts are required to apply and appear in the Graduate Aptitude Test in Engineering (GATE) 2020
- The candidates possessing the requisite qualification for the advertised posts is required to apply and appear in the GATE-2020 subjects strictly as indicated above para 2.1. Essential Qualification & GATE Subject with Code under Eligibility Criteria.
- The GATE-2020 Score in the subject mentioned against the posts of ONGC will be considered by ONGC for shortlisting the candidates for the further selection process of Personal Interview as per the criteria decided by the Management

5. HOW TO APPLY

a) Candidates will have to separately apply online to ONGC for which Link will be activated on www.ongcindia.com in March/April, 2020.

b) The exact date and period of go live of online application registration site will be intimated by a notification in the Website of ONGC (www.ongcindia.com) in due course. Candidates are required to visit www.ongcindia.com regularly to get the updates.

6. APPLYING FOR GATE-2020

a) For detailed information on GATE- 2020 and on-line submission of application for GATE- 2020, interested candidates may visit <http://gate.itiid.ac.in>.

or

Websites of IISc, Bangalore or IITs of Bombay, Delhi, Guwahati Kanpur Kharagpur, Madras and Roorkee

Activity	Date
Announcement of GATE-2020 Results	16th March 2020
Activation of link on www.ongcindia.com for filling up of online application of ONGC.	March/April, 2020 (tentatively)

i) Candidates are also advised not to respond to unsolicited advertisements appearing in any newspaper. For authenticity of any advertisement, the candidate may check on ONGC's website www.ongcindia.com.

ii) It may be noted that ONGC does not seek payments of any kind.

DGM (HR) - In-charge Corporate Recruitment
ONGC, Tel Bhavan, Dehradun

Disclaimer: ONGC is not responsible for printing errors, if any

Sl. No.	Post	Identified Suitable for Benchmark Disabilities	Minimum Essential Qualification	GATE subject & Code
1	AEE (Cementing)- Petroleum		Graduate Degree in Petroleum Engineering with minimum 60% marks	Petroleum Engineering (PE)
2	AEE (Drilling)- Petroleum		Graduate Degree in Petroleum Engineering with minimum 60% marks	Petroleum Engineering (PE)

*The candidate must possess the Post graduate degree in Physics with Electronics in course nomenclature. Any variation in nomenclature from the prescribed nomenclature will not be acceptable.

** Graduate Degree in Chemical Sciences and Technology will not be acceptable for the Post of AEE (Production) -Chemical

Abbreviations Used: Category A : Blindness and Low Vision; Category B : Deaf and Hard of Hearing; Category C : Locomotor disability including Cerebral Palsy, Leprosy Cured, Dwarfism, acid attack victim and muscular dystrophy; B-Blind, LV= Low Vision, OA= One Arm, OL = One Leg, BL=Both Legs

2.2 As of now, there is no vacancy in the following posts; however, if the vacancies arise at the time of inviting online application, the respective GATE subject and qualification are given below:

Sl. No.	Post	Identified Suitable for Benchmark Disabilities	Minimum Essential Qualification	GATE subject & Code
1	AEE (Cementing)- Petroleum		Graduate Degree in Petroleum Engineering with minimum 60% marks	Petroleum Engineering (PE)
2	AEE (Drilling)- Petroleum		Graduate Degree in Petroleum Engineering with minimum 60% marks	Petroleum Engineering (PE)

Note:

a) Only such Benchmark disabilities under Category C & Category A identified suitable for respective posts are eligible to apply.

b) We are in the process of updating list of Posts identified suitable for benchmark disabilities as per the RPWD Act, 2016. On completion of the process, some new benchmark disabilities may be added as identified suitable in some posts.

c) The courses offered by Institutions/Universities through the regular mode should be approved/recognized by the necessary statutory bodies for employment to posts and services under the Central Government like Association of Indian Universities (AIU)/UGC/AICTE etc. Candidates who have obtained their qualification through the distance learning/ part time mode are also eligible to apply provided that their qualification is recognised by the relevant statutory bodies for employment to posts and services and the Central Government.

d) Calculation of percentage of marks in the qualifying degree is as per university/institution rules.

e) Wherever CGPA/OGPA/CPPI/DGPA or letter grade in degree is awarded, equivalent % of marks should be indicated in the online application as per norms adopted by concerned Univ./Inst. Please also obtain a certificate to this effect from the Univ./Inst. which shall be required to be submitted at the time of interview. If university/institute does not have the provision for conversion CGPA/OGPA/CPPI/DGPA or letter grade into percentage then the equivalence will be established by dividing the candidate's relative grade with maximum possible corresponding scale and multiplying the result with 100

f) In case there is no mention of specialisation in the qualifying degree as required in the Minimum Essential Qualifications above, candidates have to submit a certificate at the time of interview from their institution/ university with a clear mention of their specialisation in the qualifying degree

g) Qualifications mentioned in the table above are sacrosanct. No equivalent Qualification will be accepted e.g. AMIE will not be considered where qualification is Graduate degree in Engineering

h) Students in the final year/semester of the qualifying course of study are also eligible to apply through GATE-2020. If such candidates are short listed for interview and they do not possess qualifying degree (BE/ B.Tech etc.) with minimum prescribed percentage of marks at the time of interview their candidature will be treated provisional subject to submission of documentary proof of having completed all requirements of completing the qualifying degree (BE/ B.Tech. etc.) with minimum

RECRUITMENT OF GRADUATE ENGINEERS THROUGH GATE-2020

National Aluminium Company Limited (NALCO), a Navara Company is the largest integrated Alumina - Aluminium Complex of Asia, having State of the Art technology, with its present turnover of more than Rs. 11386 Crores is going for further growth and expansion within India & across the globe. The Company also employs Premier Trading House status in the field of export and has won many prestigious awards for its excellent performance with significant value addition to its shareholders. The plants and offices are multi-located with its Corporate Office at Bhubaneswar, Odisha. The Company believes in achieving organizational excellence through competent human resources and practices having people-centric approach. To achieve its vision to be a reputed global Company in the metals and energy sector, NALCO is looking for committed, promising and competent young Graduate Engineers with brilliant academic career to join the organization as Graduate Engineer Trainees (GETs) in the disciplines of Mechanical, Electrical, Instrumentation, Metallurgy, Chemical, Civil and Mining as per details given below.

VACANCIES

- ▷ Present Vacancy is for 120 number of posts in the disciplines as indicated below, which may likely to be increased: Mechanical -45, Electrical -29, Instrumentation -15, Chemical -9, Metallurgy-13, Civil -5, Mining -4
- ▷ Reservation of vacancies will be as per Govt. Directives. The distribution of existing 120 posts of GETs for different categories will be : Unreserved (UR) - 51, Other Backward Class (OBC) - 31, Scheduled Castes (SC) -15, Scheduled Tribes (ST) - 11 and EWS-12
- ▷ Out of the notified vacancies, 14 vacancies are reserved for PwDs as per Govt. of India directives including backlog vacancies. The identified disciplines and category of disabilities for each discipline are as under: Mechanical/Electrical (HH, OL, DW, AW, OI) : Civil (HH, OL, DW, AW, OI) : Metallurgy/Mining (DW, AW) : Instrumentation (HH, OL, DW, AW, OI) : Chemical (OA, OL, DW, AW, OI) : Multiple disabilities in any combination of the disorder as mentioned against each discipline will also be considered.
- HH-Hearing Impaired, OL-One Leg, OA-One Arm, DW-Dwarfism, AW-Acid Victim, OI-Orthopedically Impaired]

REQUISITE QUALIFICATION

- ▷ Full time regular Bachelor's Degree in Engineering or Technology with not less than 65% marks in aggregate for Unreserved (UR) & Other Backward Class (OBC), and 55% of marks for SC/ST/PwD category taking average of all the semesters/years, irrespective of the weightage given to any particular semester/year by the Institute/University. (The total maximum marks and total marks obtained for all years/semesters will be summed up to arrive at aggregate percentage. No rounding off will be done and no weightage will be given to any particular semester or year).
 - ▷ Candidate in the final year of their Engineering may also apply. However, their cases will be considered only if, he/she passes the said examination with requisite percentage of marks before or at the time of his/her personal interview.
 - ▷ All qualifications must be from recognised Govt. Universities/ Institutions, UGC recognised Universities and Institutes/UGC recognised Indian deemed Universities or AICTE approved courses from autonomous institutes/concerned statutory council/wherever applicable).
 - ▷ Wherever CGPA/CGPA or letter grade in Degree is awarded, equivalent percentage of marks should be indicated in the online application form as per norms adopted by the University/Institute. The candidate is required to submit a certificate to this effect from the University/Institute during the time of personal interview.
 - ▷ A candidate with full time prescribed degree for the disciplines as given below can only apply for the post of Graduate Engineer Trainees (GETs) in the respective discipline.
- | Discipline | Prescribed full time degrees in Engineering |
|-----------------|--|
| Mechanical | Mechanical /Production Engineering |
| Electrical | Electrical Power Engineering |
| Instrumentation | Electronics/ Instrumentation/Telecom/Electrical Engineering |
| Metallurgy | Metallurgical Engineering |
| Civil | Civil/Architecture/Ceramics Engineering |
| Mining | Mining Engineering/Equivalent Diploma in Mining Engineering with First Class Metallurgical Mines Manager's Certificate of Competency |
| Chemical | Chemical Engineering/M.Tech. in Applied Chemistry |

AGE LIMIT

- ▷ Upper Age limit is 30 years as on 20/03/2020 i.e. candidates born before 20/03/1990 need not apply.

SELECTION PROCESS

- ▷ NALCO will be utilizing Graduate Aptitude Test in Engineering- 2020 scores (GATE-2020 scores) for recruitment of Graduate Engineer Trainees (GETs) in the above disciplines. Only GATE-2020 score is valid for this recruitment process. Based on the GATE-2020 score and organizational requirement, candidates will be shortlisted for the personal interview.
- ▷ The candidates will be eligible to apply for the position of GETs in the above discipline in NALCO provided they have appeared in GATE-2020 in one of the following relevant GATE paper as detailed below:

Engineering discipline advertised by NALCO	Corresponding GATE-2020 paper	Corresponding GATE-2020 paper code
Mechanical	Mechanical Engineering	ME
Electrical	Electrical Engineering	EE
Instrumentation	Instrumentation Engineering	IN
Metallurgy	Metallurgical Engineering	MT

Civil	Civil Engineering	CE
Chemical	Chemical Engineering	CH
Mining	Mining Engineering	MN

- Candidates having engineering degree in a branch/discipline other than as specified above are not eligible to apply
- ▷ Based on the valid score of GATE-2020 and organizational requirement, candidates will be shortlisted on merit for the personal interview. For the posts of Graduate Engineer Trainees (GETs) in the above disciplines, the score is valid only if the candidate obtains more than or equal to the qualifying marks as fixed for the above papers by GATE-2020. The qualifying marks for GATE examination shall be as per the criteria adopted by the conducting authority of GATE-2020 examination.

COMPENSATION PACKAGE

- ▷ Selected candidates will be placed in the pay scale of Rs. 40000 - 3%, - 140000/- during one year training. Upon successful completion of training, the subject to fulfilling the required performance related/other criterion of the Company if force & amended from time to time, they will be absorbed as Jr. Manager at E1 grade in the pay scale of Rs. 60000-3%-180000/-.
- ▷ Besides basic pay, the employee is entitled to Dearness Allowance, perquisites under cafeteria approach, HRA, medical facility for self & dependents and superannuation benefits i.e. Contributory Provident Fund, Gratuity, etc. as per rules of the Company in force from time to time during training/after absorption.
- ▷ The approximate CTC* would be Rs.10.52 lakhs per annum during training period and upon confirmation to E1 grade, the CTC* would be approximately Rs.15.73 lakhs per annum.

- * CTC mentioned above may vary depending upon place of posting and other terms & conditions of appointment.

PLACEMENT

- ▷ As per the training policy of the Company, the selected candidates shall undergo one year on-the-job training at different locations of the Company. During the training period and/or after absorption, the candidates may be posted at any of the unit/office, etc. of NALCO in India or abroad or any of the subsidiary/resident ventures/business associates of NALCO and the services thereafter will be transferable as per the requirement of the Company. The selected candidates may be assigned jobs/ functions/assignments as per the business requirements of the Company including shift operation.

RESERVATIONS AND RELAXATIONS

- ▷ Reservations/relaxations for SC/ST/OBC (Non-Creamy Layer) /EWS/PwD (degree of disability 40% or above) candidates as per Government guidelines are applicable. In case any increase in the number of total posts, the number of reserved category posts will vary in accordance to the Govt. guidelines.
- ▷ PwD candidates would be empowered to furnish valid disability certificate duly stamped and signed by a medical panel empowered for the purpose and should comprise of 3 medical practitioners of Govt. hospital or medical board attached to Special Employment Exchange for the handicapped.
- ▷ Appointment to the PwD candidates will be made after considering the nature of duties and responsibilities of the assignment, location, etc. and also considering that the disability is not likely to interfere with the performance and without possible deterioration of his/her health. However, the final appointment and placement would be based on candidate's medical fitness with respect to the job of the identified posts.
- ▷ Category SC/ST/OBC/EWS/PwD once filled in the online application form will not be changed. The reserved category candidates are required to submit requisite certificate in the prescribed format of Government of India, issued by the Competent Authority, at the time of personal interview, if called for.
- ▷ If the SC/ST/OBC/EWS/PwD certificate has been issued in a language other than English/Hindi, the candidates will be required to submit a self-attested translated copy of the same either in English or Hindi.
- ▷ The OBC candidates who belong to "Creamy Layer" are not entitled for concession admissible to OBC category and such candidates have to indicate their category as Unreserved (UR). The OBC (Non-Creamy Layer) candidates are required to submit requisite certificate in prescribed format of Government of India, from a Competent Authority issued in the current year. The name of the caste and community mentioned in the OBC (Non-Creamy Layer) certificate must appear in the Central lists of Other Backward Classes. Further, OBC candidates will have to give a self-undertaking indicating that they belong to OBC (Non-Creamy Layer) category also at the time of personal interview, if called for.
- ▷ The upper age limit is relaxed by 5 years for SC/ST, 3 years for OBC (Non-Creamy Layer), 10 years for PwD, Un-reserved (UR), 13 years for PwD-OBC/Non-Creamy Layer) and 15 years for PwD-SC/ST candidates.
- ▷ Relaxation of five years in age will be extended to the candidates who had ordinarily been domiciled in the Union Territory of Jammu & Kashmir and Union Territory of Ladakh, from 01.01.1980 to 31.12.1989. Ex-Servicemen and child-in-family members of those who died in the riots of 1984 will get relaxation as per directives of Govt. of India.
- ▷ The departmental candidates will also be required to have valid score in the corresponding papers of GATE-2020. There is no upper age limit and minimum percentage of marks in requisite qualification for the said candidates. However, trainees working in NALCO shall not be considered as departmental candidate. The departmental candidates may refer to the internal circular for other details.

SERVICE AGREEMENT BOND

- ▷ The selected candidates at the time of joining will be required to sign a contract of apprenticeship in accordance with the Apprenticeship Act and will also be required to execute a service agreement bond of Rs. 3,00,000/- or Rs.4,00,000/- (training imparted abroad) on non-judicial stamp paper of Rs. 1500/- to serve the Company for a minimum period of 4 (four) years after successful completion of one year training.

MEDICAL FITNESS

- ▷ The candidates seeking employment in NALCO need to be medically fit as per NALCO's norms and standards for medical fitness. The selected candidates will have to undergo medical examination by Company's identified hospitals/diagnostic centres in Bhubaneswar. On receipt of the medical report, the Authorized Medical Officer will declare the candidate fit or unfit or temporarily unfit on the basis of medical standards laid down under the NALCO Medical Examination Rules.

Continue

APPLICATION FEE

- ☐ The General, OBC & EWS Candidates are required to pay Rs 500/- (Five hundred) towards Application Fee and all other candidates including Departmental are required to pay Rs. 100/- (Hundred) as Processing Fee only.
- ☐ Candidates can opt to pay through internet banking account/credit/debit card.
- ☐ Application fee/Processing Fee is non-refundable under any circumstances. Candidates are therefore requested to verify their eligibility before paying the application/processing fee and to fill in the payment details carefully.

HOW TO MAKE PAYMENT

- ☐ Step-1
 - Go to Career Page of NALCO at www.nalcoindia.com
 - Read the Advertisement carefully to be sure about the eligibility
 - Click on Apply Now
 - Click on Make Payment which will redirect you to State Bank Collect page of SBI, which has been authorized to collect the application fees/processing fees on behalf of Nalco.
 - Select "Odisha" under the State of the Corporate/Institution and "PSU-Public Sector" under type of Corporate/Institution.
 - Select Payment Category and choose "Nalco GET Recruitment-2020 (For SC/ST/PWD/DEPT)" as applicable to you.
 - Fill the GATE Regd. No., Name, Discipline, Category, Date of Birth, Registered Email Id and Mobile No. as required on the Payment portal and submit. Ensure that the same Email Id and Mobile No. details are used during the whole registration process.
 - Next Screen- Confirmation page is displayed with all details the candidate has entered. Ensure correctness before proceeding for payment. Now click on "confirm" to proceed to the payment gateway to pay. NALCO or SBI will not be responsible, in case a candidate deposits the fee with incorrect details viz. a different GATE Registration No., etc.
 - Payment may be made using any one of the options available viz.: Net Banking/Debit Card/Credit Card. Please note that Nalco will bear the bank charges, if any.
 - On successful payment, one e-Receipt will be generated in PDF format. The candidate will be prompted to print the e-receipt with SB Collect Reference Number. Note down the Reference Number as the same would be required during Step-3 of final registration process. E-Receipt can be generated/printed subsequently from the option "Payment History" available in State Bank Collect.
 - In case a candidate does not finally submit application form with valid payment details, application will be treated as incomplete and rejected. Nalco will not be responsible for the same.
- ☐ Step-2
 - Once the payment is made, the State Bank Collect Reference Number and the date of payment is required to be entered in the Nalco online application form on Career page of the website in order to make themselves eligible to enter the details in Main Application Form.
 - No request for editing of payment details and issue of Call letter will be entertained in wrong submission cases and candidature will stand rejected.

HOW TO APPLY

- ☐ The candidates shall fill up the online Application Form with required details correctly and click on View Application Form. The candidates will be provided opportunity to edit their application form before final submission. Candidates should check the Application Form once again whether the information is accurate and edit the details, if required and then click on Final Submission. After submission of online application, the candidate should take a print out of the said application for future reference.

- ☐ The candidates need to ensure that the GATE-2020 registration number, which is mentioned in the GATE-2020 admit card, is filled up correctly. Name should also be filled up as appearing in GATE-2020 admit card. No request with respect to the change in any data entered by the candidate will be entertained once the online application is submitted successfully. On successful submission, a unique application number will be generated and sent to the registered email Id as well as mobile number and the same has to be referred for future correspondences.
- ☐ While applying online, candidate needs to upload the scanned copy of their recent passport size colour photograph, GATE-2020 admit card, signatures which are identical to that they have submitted along with GATE-2020 application and prescribed qualification/mark sheet as per the requisite qualification. Candidates should ensure that the relevant details i.e. name, date of birth, etc. entered in NALCO online application should be same as entered in the GATE-2020 application. In case the candidate is called for personal interview, he/she will be required to produce his/her original GATE-2020 admit card and GATE-2020 official score card for verification and other relevant documents which will be communicated through personal interview call letter.
- ☐ A candidate can apply for one post/discipline only. Candidates applying for more than one post/discipline will not be considered at all.

GENERAL INSTRUCTIONS

- ☐ Only Indian Nationals are eligible to apply.
- ☐ The candidate should ensure that he/she fulfills the eligibility criteria and other conditions as mentioned in this advertisement as well as in the career section of NALCO website www.nalcoindia.com.
- ☐ The candidates should ensure that they fill up all the eligibility criteria and other conditions mentioned in this advertisement and that the particulars furnished by them in the online applications are correct in all respect. Mere submission of online application successfully does not imply that the Company (NALCO) has been satisfied about the candidate's eligibility. In case it is detected at any stage of recruitment/selection/after appointment that the candidate does not fulfill the eligibility norms and/or that he/she has furnished any incorrect/false information or has suppressed any material fact(s), his/her candidature/appointment will be automatically stand cancelled, as the candidature/appointment would be deemed to be void ab initio.
- ☐ The e-mail id entered in the online application form must remain valid for one year. All future communication with the candidates will take place through e-mail only. NALCO will not be responsible for any loss/non-delivery of e-mail/any other communication sent, due to invalid/wrong id or due to any other reason.
- ☐ No manual/paper application will be entertained.
- ☐ NALCO reserves the right to raise the minimum eligibility standards. The management reserves the right to fill or not to fill or partly fill any of the above positions without assigning any reason whatsoever. NALCO also reserves the right to cancel/restrict/modify/alter the recruitment process, if need arises, without issuing any further notice or assigning any reason whatsoever.
- ☐ Canvassing by a candidate in any form shall disqualify his/her candidature.
- ☐ Candidates are advised to visit the career section of NALCO website www.nalcoindia.com regularly for latest updates as no separate communication will be sent.
- ☐ Any dispute with regard to recruitment will be settled within the jurisdiction of Bhubaneswar only.

IMPORTANT DATES:

1	Opening of online submission of application	20/03/2020 (11:30 AM)
2	Last date of submission of online application	09/04/2020 (05:30 PM)

Advt. No: 10200207

NALCO Recruitment-2020

Size : 25(w) x 23(h) = 575 sq.cm

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Minutes of the Meeting

A meeting of hon'ble Vice Chancellor with the faculty members of the Department of Applied Chemistry was held online on 21st April 2020 at 11.30 am, regarding nomenclature change of B.Tech. Polymer Science & Chemical Technology. The meeting was chaired by hon'ble Vice Chancellor.

The following members were present:

1. Prof. Yogesh Singh (Hon'ble Vice Chancellor)
2. Prof. Samsher (Registrar) Special Invitee
3. Prof. Madhusudan (Dean Academics-UG) Special Invitee
4. Prof. Rajesh Rohilla (Head T&P) Special Invitee
5. Prof. S. G. Warkar (Head of the Department, Applied Chemistry)
6. Prof. Archana Rani
7. Prof. R. K. Gupta
8. Dr. Ram Singh
9. Dr. Roli Purwar
10. Dr. Anil Kumar
11. Dr. Raminder Kaur
12. Dr. Deenan Santhya
13. Dr. Richa Srivastava
14. Dr. Saurabh Mehta
15. Dr. Manish Jain
16. Dr. Poonam
17. Dr. C. M. Pandey
18. Mr. Piyush Vaish (Knowledge Network Manager)

Prof SG Warkar, Head of the Department (Applied Chemistry) apprised Hon'ble Vice Chancellor about the problems faced by students of the department perusing B.Tech. in Polymer Science and Chemical Technology (P SCT), regarding nomenclature of the branch. The issues are related to recognition of branch nomenclature by industries coming for placement in DTU and unavailability of branch nomenclature in many recruitment rules of Public Sector Companies.

Prof Warkar further informed that all the faculty members agreed to change the nomenclature of the B.Tech. program being offered by the department as cited above. The matter has already been discussed with the faculty members earlier. It was decided that the most appropriate AICTE approved nomenclature for this program would be B.Tech. in Chemical Engineering (Plastic and Polymer).

HoD (Training & Placement) has similar view about the above issue. After detailed discussion about the subject, it was decided that HoD (Applied Chemistry) shall prepare and send the proposal for nomenclature change to Dean academic UG office for further necessary action.

The meeting concluded with thanks to Hon'ble Vice Chancellor by all the members.

Prof SG Wankar
HoD, AC

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