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PUNJAB ENGINEERING COLLEGE CHANDIGARH

(DEEMED TO BE UNIVERSITY)

(Tel : 0172-2753090, Fax : 0172-2745175)

Brochure for Recruitment of Faculty positions-2024

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Punjab Engineering College(Deemed to be University),Chandigarh

Dated: 29.01.2024

Online applications are invited to fill up the various faculty positions in the various departments of the institute in the prescribed application form from eligible candidates for appointment to faculty positions of Professors, Associate Professors and Assistant Professors.

Details of the same will be available on the Institute website **www.pec.ac.in** from **01.02.2024**.

The last date for receipt of online application is **04.03.2024** upto **05:00 PM**.

- **Any addendum/corrigendum/updates shall be posted only on the Institute website.**

Dean Faculty Affairs
Email id: deanfa@pec.edu.in

PUNJAB ENGINEERING COLLEGE CHANDIGARH, CHANDIGARH

(DEEMED TO BE UNIVERSITY)

(Tel : 0172-2753090, Fax : 0172-2745175)

Dated: 01.02.2024

A. Recruitment for faculty positions in the Punjab Engineering College (Deemed to be University) Chandigarh.

I. Punjab Engineering College (Deemed to be University), Chandigarh invites applications for recruitment at the level of Professor, Associate Professor and Assistant Professor in the under mentioned disciplines through direct recruitment:

Sr. No.	Name of the Departments/Centres	Post	No. of Post	Advt. No.	Category
1.	Aerospace Engg.	Professor	01	01/2024	UR/ General
2.		Associate Professor	01	02/2024	OBC
3.		Assistant Professor	01	03/2024	OBC
4.	Civil Engg.	Professor	01	04/2024	UR/ General
5.		Professor	01	05/2024	SC
6.		Professor	01	06/2024	OBC
7.		Associate Professor	01	07/2024	UR/ General
8.		Assistant Professor	01	08/2024	UR/ General
9.	Computer Science & Engg.	Assistant Professor	01	09/2024	UR/ General
10.		Assistant Professor	01	10/2024	OBC
11.	Electrical Engg.	Professor	01	11/2024	UR/ General
12.		Professor	01	12/2024	SC
13.		Professor	01	13/2024	OBC
14.		Associate Professor	01	14/2024	OBC
15.	Electronics & Communication Engg.	Professor	01	15/2024	OBC
16.		Associate Professor	01	16/2024	UR/ General
17.		Associate Professor	01	17/2024	SC
18.		Associate Professor	01	18/2024	OBC

Sr. No.	Name of the Departments/Centres	Post	No. of Post	Advt. No.	Category
19.	Electronics & Communication Engg	Assistant Professor	01	19/2024	UR/ General
20.		Assistant Professor	01	20/2024	OBC
21.	Mechanical Engg.	Professor	01	21/2024	UR/ General
22.		Professor	01	22/2024	OBC
23.		Associate Professor	01	23/2024	SC
24.		Assistant Professor	01	24/2024	OBC
25.	Metallurgical & Materials Engg.	Associate Professor	01	25/2024	OBC
26.		Assistant Professor	01	26/2024	OBC
27.	Mathematics	Professor	01	27/2024	OBC
28.		Associate Professor	01	28/2024	UR/ General
29.		Associate Professor	01	29/2024	OBC
30.	Physics	Associate Professor	01	30/2024	UR/ General
31.	Centre for Management & Humanities	Professor	01	31/2024	UR/ General
32.		Associate Professor	01	32/2024	UR/ General

*** Candidates with PwBD (02 posts under blindness and low vision category & 01 post under deaf and hard of hearing) may apply at any level.**

****One (01) Post for Economically Weaker Sections (EWS) will be filled against un-reserved vacancy at the level of Assistant Professor.**

*****The above posts include Backlog Vacancies as per reservation roster.**

Note: UR- Unreserved, SC-Scheduled Caste, OBC-Other Backward Classes and PwBD – Persons with Benchmark Disability.

Qualifications &Experience:

Professor at Academic Level 14, Entry Pay Rs.1,44,200/- in all relevant disciplines*(please see Page No. 6for important information regarding qualification & experience)*

Essential:

a. Ph. D. degree in relevant field and First class or equivalent at Bachelor's and Master's level in the relevant branch.

AND

b. Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

AND

c. At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility of promotion.

OR

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility of promotion.

Desirable:

Without prejudice to the above, the following conditions may be considered as desirable:

1. Teaching, research, industrial and /or professional experience in a reputed organization.
2. Published work, such as research papers patents filed/obtained books and /or technicalreports.
3. Experience of guiding the project work/dissertation of PG/ Research Students or supervising R&D projects inindustry.
4. Demonstrated leadership in planning and organizing academic, research, industrial and/or professional activities.

Associate Professor at Academic Level-13A1, Entry Pay Rs.1,31,400/- in all relevant disciplines*(please see Page No.6 for important information regarding qualification & experience)*

Essential:

a. Ph.D. degree in the relevant field and First class or equivalent at Bachelor's and Master's level in the relevant branch.

AND

b. Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience.

AND

c. At least total 6 research publications in SCI journals / UGC / AICTE approved list of journals.

Desirable:

Without prejudice to the above, the following conditions may be considered Desirable:

1. Teaching, research industrial and/or professional experience in a reputed organization.
2. Published work, such as research papers, patents filed/obtained books and/or technical reports.
3. Experience of guiding the project work/ dissertation of PG/Research Students or supervising R&D projects inindustry.

Assistant Professor at Academic Level 10, Entry Pay Rs.57,700/- in Engineering

Essential:

i) Ph.D. in relevant discipline with first class in both Master's Degree and Bachelor Degree in the appropriate branch of Engineering (Engg.) & Technology (Tech.)

Desirable:

Without prejudice to the above, the following conditions may be considered desirable:

1. Teaching, research, industrial and/ or professional experience in a reputed organization.
2. Papers presented at conferences and/or in refereedjournals.

Note: Candidates who have done Ph.D. after the Bachelor's Degree from institution of National importance with GATE/ GPAT/ CEED shall be eligible for the post of Assistant Professor.

Important information regarding Qualifications & Experience for Professor / Associate Professor.

1. *For all candidates fulfilling the essential qualification conditions for the post of Professor & Associate Professor under direct recruitment, the Academic Research Score for eligibility as per Table II will be based on the entire period of service as Assistant Professor/Associate Professor/Professor.*
2. *For the post of Associate Professor, the 8 years of experience in teaching / research / industry should be equivalent to Assistant Professor and supported with sufficient proof of service in UGC/AICTE pay scale issued by the competent authority.*
3. *For consideration of PhD guidance, proof submitted by the candidate in the form of any certificate will be considered and proof of the Degree awarded / submitted will be taken at the time of interview.*

Annexure I

Degrees in the following relevant branches/specializations at B.E./B.Tech./ M.E./M.Tech./ and Ph.D. level for various departments are required from the applicants:

S. No.	Department /Centre	B.E./B.Tech Branch*	M.E./ M.Tech/ M.Sc./MA Branch/Specializations*	Ph.D.	Preferred Areas / Specializations
1.	Aerospace Engg.	Aeronautical/ Aerospace Engg.	Aeronautical/ Aerospace/ Aerodynamic Engg./ Propulsion Engineering/ Rocket Propulsion/ Aerospace Propulsion Technology / Space Engineering and Rocketry/ Astronomy & Space Engineering/ Gas Turbine Technology/ Turbo Machinery/ Internal Combustion Engine and Turbo Machinery/ Mechanical in Rotodynamics/ Roto Dynamic Machines/ Avionics/ Flight Mechanics / Aerospace Materials and any other relevant area.	Aeronautical / Aerospace / Any Allied Branch	Avionics, Aerodynamics, Propulsion, Structures, Flight Mechanics, Control & guidance, any other relevant area.
2.	Civil Engg.	Civil Engineering	Structural Engg./ Transportation Engg./ Geotechnical Engg.	Civil Engineering	1. Structural Engg. 2. Transportation Engg. 3. Geotechnical Engg.
3.	Computer Sc. & Engg.	1. Computer Engineering 2. Computer Science 3. Computer Science & Engineering 4. Computer Science and Information Technology 5. Computer Technology 6. Information Technology 7. Computer Science &	1. Computer Engineering 2. Computer Science 3. Computer Science & Engineering 4. Computer Science and Information Technology 5. Computer Technology 6. Information Technology 7. Computer Science & Technology 8. Computer Science & Engineering (Artificial Intelligence) 9.Computer Science & Engineering (Machine Learning) 10. Computer Science &	Specialization areas equivalent / related to Computer Science & Engineering	Artificial Intelligence, Machine Learning, Soft Computing, Natural Language Processing, Speech Technology, Bio-Informatics, Wireless Sensor Networks, Network & Security, Mobile & Adhoc Networks, Deep Learning, Medical Imaging,

		Technology 8. Computer Science & Engineering (Artificial Intelligence) 9.Computer Science & Engineering (Machine Learning) 10. Computer Science & Engineering (Data Science) 11. Computer Science & Engineering (Cyber Security) 12. Software Engineering 13. Or Any Other Equivalent related branch	Engineering (Data Science) 11. Computer Science & Engineering (Cyber Security) 12. Software Engineering 13. Or Any Other Equivalent related branch		IOT & related areas, Software Engineering, Software Testing, Information retrieval, Prediction Algorithms, Cryptography, Data Analytics, Fault-Tolerant Distributed Computing, Explainable Artificial Intelligence and Blockchain Technology, IOT, SDN, Wireless Communication, Network Security, AI & ML, VANET, Web-Crawling, Dark Web and Deep Web, Latest Areas Related to Covid 19, Automata Theory or any other equivalent and related area.
4.	Electrical Engg.	Electrical Engineering/ Electrical & Electronics Engineering	Electrical/ Power System (Engineering) / Control System /Power Electronics/ Electric Machines/ Electric Drives/ Automation/ Electronic Instrumentation/Electrical &Instrumentation/ Energy System/ Renewable/ Power Apparatus/ Signal Processing OR at least any one of the above specialization in combination with other specialization.	-	I. Power Electronics II. Power System III. Control System
5.	Electronics & Communica-tionEngg.	• Electronics and Electrical Communication Engg.	• Electronics Engg. • Electronics Product Design & Technology • VLSI Design	-	• Electronic Engg. • Electronics & Communication

		• Electronics & Communication Engg. • Electronics & Tele-communication Engineering.	• Communication Engg. • Electronics & Communication Engg. • Electronics & telecommunication Engg. • Electronics (VLSI Design) • Embedded System • Microelectronics • Microelectronics System Design • Microwave Engg. • Optical Communication • Nanoelectronics • Electronics & Electrical Communication Engg. • Digital Signal Processing • Digital Image Processing		Engg. • Electronics & Electrical Communication Engineering • Electrical & Electronics Engineering • Photonics • Microelectronics • Communication Engg. • Embedded System • VLSI • Optical Communication • Nanoelectronics • Digital Signal Processing • Microwave Engg. • Wireless Communication • Digital Image Processing
6.	Mechanical Engg.	Mechanical Engg.	• Mechanical Engg. • Mechanical Engg. with specialization in CAD/CAM/ CAE • Thermal Engineering, • Industrial Automation & Controls/ Mechatronics/ MEMS • Robotics • Manufacturing Engineering/ Manufacturing Technology • Industrial Engg. / Production Engg./ Production & Industrial Engg. • Integrated Product Design and Manufacturing • Rotodynamics • Mechanical Design / Industrial Design • Mechanics & Design • Industrial Tribology and	-	• Mechanical Design • Advanced Vibrations and Acoustics • Finite Elements Methods. • Advanced Thermal & Heat Transfer • Industrial Engineering and Quality Management • Advance Manufacturing / Micro and Nano fabrication • Green and Sustainable manufacturing • Material Science & Processing • Green and Biodegradable

			Maintenance Engineering. • Polymer Science and Composite Technology • Fluid and Thermal Engineering • Nuclear Engineering and Technology • Surface Science and Engineering • Applied Mechanics • Digital Manufacturing • Solar Engineering		materials • Surface Engineering • Renewable Energy and Alternative Cleaner Fuels, Hydrogen Fuel, Nuclear Engineering, Solar Engineering.
7.	Metallurgical & Materials Engg.	Metallurgy, Metallurgical & Materials, Materials & Metallurgical, (Engineering / Technology) Materials Science & Metallurgy Materials Science and Engineering Metallurgical Engineering and Materials Science	Metallurgical Engineering, Materials Science & Engineering, Materials Science & Metallurgy, Metallurgical & Materials Engineering, Materials & Metallurgical Engineering, Foundry-Forge Technology, Industrial Materials &Metallurgy, Industrial Metallurgy, Process Metallurgy, Materials Engineering, Material Science	Ph.D.	Materials/ Metallurgy
8.	Physics	-	M.Sc / Ph.D. in Physics/ Applied Physics NET Qualified	-	Ph.D.- Theoretical/ Experimental (Preferably Quantum Materials Physics and related areas)
	Mathematics	-	M.A/M.Sc. in Mathematics/Applied Mathematics NET Qualified	Ph.D. Mathematics / Applied Mathematics	All Specializations of Mathematics/ Applied Mathematics
9.	Centre for Management & Humanities	B.Com/ BBA/B.Tech Management/ Commerce	Master of Business Management/ Master of Business Administration (MBA)/ Post Graduate Diploma in Management (PGDM)/ Master of Commerce (M.Com)	Ph.D.	Finance preferably with Marketing/ Human Resource Management/ Entrepreneurship.

		B.A Humanities	MA. English	Ph.D.	English Language Teaching (ELT)/ English Literature
			M.A. Psychology	Ph.D.	-
* For exceptional candidates, equivalence of branch/ specialization may be considered by the Selection Committee. Declaration of exceptional candidate will be based on recommendation of Head of the Department with specific details and approval of the Director for further consideration before the Selection Committee.					

Pay Band, Academic Grade Pay and Allowances:

Professor **(Academic Level 14)**	**:**	Entry Pay Rs.1,44,200/-
Associate Professor **(Academic Level 13A1)**	**:**	Entry Pay Rs.1,31,400/-
Assistant Professor **(Academic Level 10)**	**:**	Entry Pay Rs.57,700/-

In addition, the post carry allowances (such as dearness allowance, house rent allowance, medical allowance etc.) as approved by the Chandigarh Administration and the Board of Governors / Board of Management of the institute.

Terms & Conditions:

i) The candidate should be a citizen of India.

ii) All candidates are required to apply online in the prescribed format with complete, correct information and attachments. The candidate will be solely responsible for the authenticity of the submitted information. Candidates are required to fill the application form as available on the Institute website www.pec.ac.in. The details regarding qualifications, experience, screening guidelines and indicative proformas etc. are available on the Institute website www.pec.ac.in, along with this advertisement. The candidates are required to read these details before filling up the form.

iii) Additional information to be filled by the candidates in the online application form as **Table I** of the Brochure. Proofs of the same should be brought at the time of interview.

iv) The applications shall be assessed based on the weightage given to the performance of the candidate in different relevant parameters and his/her performance on a grading system proforma, based on **Table II** and **Table III** in the Brochure.

v) The applications received shall be screened as per screening guidelines attached with this advertisement for short listing and recommending the applicants to be called for interview.

Mere fulfilment of the qualification or the eligibility criteria does not entitle an applicant to be necessarily considered or called for interview. Where numbers of applications received are more, the Institute reserves the right to shortlist the candidates to be called for presentation/interview in any manner as may be considered appropriate.

The minimum score requirement for Screening of applicants is indicated in the screening guidelines attached as ***Table II & Table III*** *in the Brochure.*

vi) Application Form must also be accompanied by self-attested copies of Educational and Professional Qualifications, Experience, Caste Certificate/ PwBD Certificate/EWS Certificate, as the case may be, (in case claiming benefit of reservation).

vii) Applicants seeking reservation benefit available for SC/OBC/PwBD category must upload the necessary documents justifying the claim of respective reservation as per Govt. of India norms. The certificate uploaded should be in the format prescribed by the Govt. of India.

viii) The benefit of reservation under EWS can be availed upon production of an Income and Asset Certificate issued by a Competent Authority as referred in the letter no.36039/1/2019-Estt(Res) dated 31.01.2019 notified by Govt. of India, Ministry of Personnel Public Grievances & Pensions, Department of Personnel & Training, New Delhi. The prescribed format for Income and Asset Certificate mentioned in the said letter shall only be accepted as proof of candidate's claim as belonging to EWS.

ix) In case the candidate wants to claim benefits under the PwBD category, the candidate's relevant disability should not be less than 40 per cent. Proof to this effect in the form of a valid Disability Certificate must be uploaded with the application.

x) The appointment will be made on regular basis subject to initial probation period of duration two years for Assistant Professor and one year for Professor /Associate Professor as per CCS rules, as approved by the Board of Governors of the institute.

xi) The appointment will be subject to the candidate being medically fit.

xii) At present the age of retirement for faculty is 65 years.

xiii) There is provision of residential accommodation (regular or transit) in campus subject to availability; otherwise the employees are entitled to draw house rent allowance.

xiv) The appointees will be governed by new pension scheme as applicable to the employees appointed after 01.01.2004.

xv) The employees can avail benefit of Leave Travel Concession as per applicable rules.

xvi) Persons already employed in Government/semi Government organization should route their applications through proper channel. An advance copy may, however, be send in which case, a no objection certificate (NOC) in the prescribed format attached below at **Annexure-A** from competent authority should be presented at the time of interview.

xvii) Incomplete applications and those received after closing date or without requisite fees shall be rejected and no claim for refund of fee shall be entertained in any case.

xviii) The candidates applying for more than one advertisement should submit the online application accordingly alongwith requisite fees for each advertisement.

xix) No documents will be accepted or considered by the Institute after submission of application form by the candidate and no subsequent request for its change will be considered or granted.

xx) The OBC certificate issued **on or after 01.04.2023**, in the prescribed form only, issued by the competent authority declared by the Government of India will be accepted as proof in support of claim as OBC candidate.

xxi) The posts reserved for visually disabled and hearing disabled persons shall be filled as per the Government of India norms.

xxii) The Institute further reserves the right to amend the number of posts or not to fill any of the posts mentioned in the advertisement at its discretion without assigning any reason thereof.

xxiii) The number of posts advertised can be varied as per the requirement of the Institute.

xxiv) In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute Hearing Committee shall be final. Applicants are advised

to satisfy themselves before applying that they possess the essential qualifications laid down in the advertisement.

xxv) No TA/DA in connection with the submission of application form or appearing in the final interview will be paid to the candidate.

xxvi) The candidates are required to fill up the online application form along with documentary evidences as on date **04.03.2024 upto 05:00 PM.**

xxvii) The hard copy of online application along with self-attested photocopies of all the documents given in the below checklist should reach the office of Dean Faculty Affairs, Punjab Engineering College (Deemed to be University), Sector-12, Chandigarh-160012 by speed post within ten days (i.e. upto **14.03.2024**) from the last date of submission of online application i.e. 04.03.2024. Name of the post applied for should be superscribed on the envelope used for sending the hard copy of the application. **No manual/paper application will be entertained directly unless registered and applied online.**

Checklist of documents to be submitted alongwith the hard copy of the application:

1) Printout of online Application duly signed on each page.
2) Self-Attested copy of Proof of Date of Birth i.e. Birth Certificate/ Matriculation/ SSC schooling certificate.
3) Self-Attested copies of all certificates and Mark Sheets from Matriculation / Senior Secondary / Diploma/ Bachelors Degree / Masters Degree and Ph.D. Degree.
4) Self-Attested copies of any other additional qualification, if applicable
5) Self-Attested copies of Experience Certificate issued by the Competent Authorities, if applicable.
6) Self-Attested copies of research publications in SCI/UGC/AICTE approved list of journals (only first page of the publication), if applicable.
7) Self-Attested copies of Ph.D. guided Candidates as Supervisor/ Co-supervisor, issued by the Competent Authority, if applicable.

Note: The documents with respect to the Academic / Research Score should be uploaded in the online application form only. Hard copies of these documents will be required at the time of interview and not to be sent alongwith the hard copy of the application form.

xxvii) **It may be noted that a candidate's application only in soft copy will not be entertained and will be rejected summarily if the hard copy of the application form along with other requisite self-attested photocopies of the relevant documents is not received at the Institute.**

For any clarification, please contact:

Dean Faculty Affairs
Punjab Engineering College
(Deemed to be University)
Sector 12, Chandigarh,
Tel: 91-172-2753090,
E-mail: deanfa@pec.edu.in

Annexure-A

{Format for No Objection Certificate (NOC)}

NO OBJECTION CERTIFICATE

Certified that _____ has joined in _____ (Department name) of _____(Institute name)on _____ as _____and at present he/she is holding the post of _____w.e.f_____ in the pay scale of _____. At present, he/she is drawing basic pay of Rs. _____.

This institute has no objection if he/she applies for the post of _____ in Punjab Engineering College (Deemed to be University) against the Advertisement vide _____ dated _____.

Signature of Head of Institute with stamp

Additional Information to be filled by the candidates in the online application form. (OPTIONAL)

Table I

S. No.	Activity
1.	Teaching: (Number of classes taught/total classes assigned)x100% (Classes taught includes sessions on tutorials, lab and other teaching related activities)
2.	Involvement in the University/College students related activities/research activities: (a) Administrative responsibilities such as Head, Chairperson/ Dean/ Director/ Co-ordinator, Warden etc. (b) Examination and evaluation duties assigned by the college / university or attending the examination paper evaluation. (c) Student related co-curricular, extension and field based activities such as student clubs, career counselling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community services. (d) Organising seminars/ conferences/ workshops, other college/university activities. (e) Conducting minor or major research project sponsored by national or international agencies.

Note: Proofs of all the above should be brought at the time of interview.

Guidelines for Screening / shortlisting of candidates with minimum requirement for appointment to the post of Professor & Associate Professor in the Institute.

Applications received for the faculty positions at the level Professor& Associate Professor shall be screened as per details given below:

I. Academic/ Research Score for Professor& Associate Professor

(Assessment would be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificates issued by the University and acknowledgements for patent filing and approval letters, students' Ph.D. award letter, etc.)

Table II

S.No.	Academic/ Research Activity	Faculty of Sciences/ Engineering & other related disciplines **(Marks per document)**	Faculty of Languages/ Humanities/ Arts/ Social Sciences/ Commerce/ Management & other related disciplines
A			
1.	**Research Papers in Peer-Reviewed/SCI/UGC/AICTE listed Journals**	08 per paper + Augmented marks* (page No. 20)	10 per paper + Augmented marks * (Page No. 20)
2.	**Publications (other than Research papers)**		
	(a) Books authored which are published by;		
(i)	International publishers	12	12
(ii)	National Publishers	10	10
(iii)	Chapter in Edited Book	05	05
(iv)	Editor of Book by International Publisher	10	10
(v)	Editor of Book by National Publisher	08	08
	(b) Translation works in Indian and Foreign Languages by qualified faculties		
(i)	Chapter or Research paper	03	03
(ii)	Book	08	08
3.	**Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula**		
	(a) Development of Innovative pedagogy	05	05
	(b) Design of new curricula and courses	02 per curricula/ course	02 per curricula/ course
	(c) MOOCs		
(i)	Development of complete MOOCs in 4 quadrants (4 credit course) (In case of MOOCs of lesser credits 05 marks/credit)	20	20
(ii)	MOOCs (developed in 4 quadrant) per module/lecture	05	05
(iii)	Content writer/subject matter expert for each module of MOOCs (at least one quadrant)	02	02
(iv)	Course Coordinator for MOOCs (4 credit course)(In case of MOOCs of lesser credits 02 marks/credit)	08	08
	(d) E-Content		
(i)	Development of e-Content in 4 quadrants for a complete course/e-book	12	12
(ii)	e-Content (developed in 4 quadrants) per module	05	05
(iii)	Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	02	02
(iv)	Editor of e-content for complete course/ paper /e-book	10	10

4.	**(a) Research guidance**		
	Ph.D.	10 per degree awarded 05 per thesis submitted	10 per degree awarded 05 per thesis submitted
	P.G dissertation	02 per degree awarded	02 per degree awarded
	(b) Research Projects Completed		
	More than 10 lakhs upto 50 lakhs	10	10
	Less than 10 lakhs	05	05
	(c) Research Projects Ongoing:		
	More than 10 lakhs upto 50 lakhs	05	05
	Less than 10 lakhs	02	02
	(d) Consultancy less than 10 lakhs	03	03
5.	**(a) Patents**		
	International	10	10
	National	07	07
	(b) *Policy Document (Submitted to an International body/organisation like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government)		
	International	10	10
	National	07	07
	State	04	04
	(c) Awards/Fellowship		
	International	07	07
	National	05	05
6.	***Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference Proceedings (Paper presented in Seminars/Conferences and also published as full paper in Conference Proceedings will be counted only once)**		
	International (Abroad)	07	07
	International (within country)	05	05
	National	03	03
	State/University	02	02

* The combined research score from the categories of **5(b)**-Policy Document and **6**-Invited lectures/Resource Person/Paper presentation shall have an upper capping of thirty percent of the minimum required academic/research score i.e. Professor: 36 points and Associate Professor: 22 points.

Total Score in any three categories of Section A of Table II(1-6)= ☐

(Minimum of 120 score for Professor and 75 score for Associate Professor is required)

B		
7. (a)	For UG/PG/PhD /Post Doctoral research experience of one year minimum in **foreign University/ Institution** ranking among top 500 in World University ranking (in last three years) **OR** from Top **50 NIRF ranked Institutions/ University** (in last three years 2021-2023)	15 points each upto a maximum of 60
	OR	
	For UG/PG/PhD /Post Doctoral research experience of one year minimum in top 51-100 **NIRF ranked Institutions/ University** (in last three years 2021-2023)	10 points each upto a maximum of 40
	OR	
	For UG/PG/PhD /Post Doctoral research experience of one year minimum in any other recognized Institutions/University	05 points each upto a maximum of 20
b)	Additional points for SCI/SCIE/SSCI indexed journal as 1st, 2nd or corresponding author	05 points each
c)	Additional points for Research Projects of Rs.50 Lakh or more (completed)	10 points each
d)	Additional points for consultancy of Rs.10 Lakh or more	10 points each

e)	For any Administrative Responsibilities like Director/Head/Dean/Associate Dean/ TEQIP Co-ordinator/Warden for a minimum period of one year	10 points only
f)	For organizing Secretary of International / National Conference / Seminar/ Workshop (Maximum for 02 to be considered)	05 points each

***The Research score for research papers would be augmented as follows:**

Peer-Reviewed or UGC-listed Journals (Impact factor to be determined as per Thomson Reuters list):

i) Paper in refereed journals without impact factor - 5 Points
ii) Paper with impact factor less than 1 - 10 Points
iii) Paper with impact factor between 1 and 2 - 15 Points
iv) Paper with impact factor between 2 and 5 - 20 Points
v) Paper with impact factor between 5 and 10 - 25 Points
vi) Paper with impact factor>10 - 30 Points

(a) Two authors: 70% of total value of publication for each author.

(b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors

Joint Projects: Principal Investigator and Co-investigator would get 50% each.

Note:

- Paper presented if part of edited book or proceeding then it can be claimed only once.
- For joint supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor. Supervisor and Co-supervisor, both shall get 7 marks each.

II. Screening/Shortlisting of candidates: Criteria and Process.

1. **The Screening Committee will draw the firstlist of candidates indicating total Academic/Research score. For Professor, a minimum of One Twenty (120) and for Associate Professor minimum of Seventy-Five (75) Academic / Research Score (in any three categories of Section A of Table II) will be included in the first list of candidates.**
2. The grand total score (section A + B of Table II) secured by candidates will be considered for those fulfilling the **criteria as per II 1**. above, for final shortlisting of candidates to be called for the interview.
3. *Maximum 15 candidates against any one post i.e. UR/SC/OBC shall be called for interview. However, additional candidates may be called for interview based on the recommendations of the Hearing Committee, if any.*
4. In case of any dispute with regard to screening/shortlisting of the applications, the decision of the Screening Committee/Institute Hearing Committee shall be final.
5. The status of short-listing will be made available on the institute website of the respective applicants for information.

III. Important Note

1. The screening will be done in the merit based on the claimed score submitted by the candidate by the Department/ Institute level committee. The final scores may increase or decrease based on the verification of documents. No marks will be given in case proper proof is not submitted.

2. The entire onus of the content/authenticity of the information being uploaded in the form of application and its attachments shall exclusively rest with the applicant in terms of eligibility for recruitment and for subsequent selection through due process.

3. The Institute shall, in no way, be responsible for any error/omission/commission/suppression of relevant information by the applicant knowingly/unknowingly/overtly/covertly while filling up the application form and uploading the documents required therein.

4. In case the applicant gets screened/selected/appointed on the basis of the credentials furnished by him/her which are on scrutiny, found to be incorrect/inadmissible/forged/fabricated/falsified, his/her candidature shall be liable to be cancelled at any stage of the recruitment/at any time during the tenure of the service and appropriate legal action under applicable law shall be initiated against the applicant.

5. The Institute reserves the right to modify/withdraw/cancel any communication made to the applicant. In case of any dispute arising out of such a situation, the decision of the Institute shall be final and binding on the applicant.

Guidelines for Screening / Shortlisting of candidates for appointment to the post of Assistant Professor.

Applications received for the faculty position shall be screened on the basis of the academic and other related credentials of the candidates through the criteria detailed in this document.

I. Criteria for Screening/Shortlisting of the candidates for the interview.

For the post of Assistant Professor, the criteria for evaluation of candidates for determining their eligibility will be as per the table-III below:

Table-III

S. No.	Examination	Maxi. Marks For Engg.	Maxi. Marks For Others	Remarks
A.				
1.	Class X	5	5	CGPA or Percentage/20
2.	Class XII	5	5	CGPA or Percentage/20
3.	BE/B.Tech/BSc/BA/B.Com/BBA	20	20	2 * (CGPA or Percentage/10)
4.	ME/M.Tech MSc/MA/M.Com/MBA	30	30	3 * (CGPA or Percentage/10)
5.	NET/NET-JRF/GATE	05	05	If yes, else 0
B.				
6.	Research publications in SCI/SCIE/SSCI indexed journal as 1st, 2nd or corresponding author (1.0 mark each) **(please specify SCI/SCIE/SSCI on the submitted documentary proof)**	10	10	Best ten papers
7.	Relevant Experience (Teaching, Research Organization/ Industry) 1.0 Marks /year	05	05	Maximum 5 years
Total A+B =				**(Minimum 50 marks is required)**
C.				
8. (a)	For UG/PG/PhD /Post Doctoral research experience of one year minimum in **foreign University**/ **Institution** ranking among top 500 in World University ranking (in last three years) **OR** from **Top 50 NIRF ranked Institutions/ University** (in last three years 2021-2023)			15 points each upto a maximum of 60
	OR			
	For UG/PG/PhD /Post Doctoral research experience of one year minimum in top 51-100 **NIRF ranked Institutions/ University** (in last three years 2021-2023)			10 points each upto a maximum of 40
	OR			
	For UG/PG/PhD /Post Doctoral research experience of one year minimum in any other recognized Institution/University			05 points each upto a maximum of 20
b)	For patent granted/Consultancy work (5 Lakhs or more)			10 points (each)
c)	Additional points for research publication in Journal with impact factor 3 and above as per Thomson Reuters.			05 points (each)
d)	For completed externally funded research project.			10 points (each)
(e)	Awards/Fellowship of repute			International 05 Points (each) / National 03 Points (each)
Grand Total A + B + C				

Note: (i) In case of integrated course/ programme, the points shall be awarded for both the degrees covered under the course/ programme

(ii) *The Candidates with BE/ B.Tech and have done direct Ph.D. without M.E. / M.Tech., the pro-rata marks with respect to B.E. / B.Tech. will be considered as 50 marks (20 + 30) in S.no. A(3+4) of table III, during the screening for the post of Assistant Professor for fulfilling the minimum requirement.*

(iii) The marks for Awards / Fellowship will be considered only for other than NET/NET-JRF/GATE

II. Screening/ Shortlisting of candidates: Criteria and Process for Assistant Professor

1. The applicant securing minimum of 50 marks or more in A+B section as per Table III will be considered for **screening** purpose. A relaxation of 05 marks will be given to candidates belonging to PwBD.

2. **The grand total score (A+B+C) of candidates after screening will be considered for final shortlisting to be called for the interview.**

3. In case of tie in the total marks of two or more candidates, the candidate having the higher/highest marks at the Master's level shall be ranked above the other(s).

4. *Maximum 15 candidates against any one post i.e. UR/SC/OBC shall be called for interview. However, additional candidates may be called for interview based on the recommendations of the Hearing Committee, if any.*

5. The marks awarded to the candidates during the process of screening of applications shall not have any weightage/credit or merit during assessment/interview of the candidates by the Selection Committee as these marks shall be used only for screening/shortlisting purposes.

6. In case of any dispute with regard to screening of the applications, the decision of the Institute Hearing Committee shall be final.

7. The status of short-listing will be made available on the institute website of the respective applicants for information.

III. Important Note

1. The screening will be done in the merit based on the claimed score submitted by the candidate by the Department/ Institute level committee. The final scores may increase or decrease based on the verification of documents. No marks will be given in case proper proof is not submitted.

2. The entire onus of the content/authenticity of the information being uploaded in the form of application and its attachments shall exclusively rest with the applicant in terms of eligibility for recruitment and for subsequent selection through due process.

3. The Institute shall, in no way, be responsible for any error/omission/commission/suppression of relevant information by the applicant knowingly/unknowingly/overtly/covertly while filling up the application form and uploading the documents required therein.

4. In case the applicant gets screened/selected/appointed on the basis of the credentials furnished by him/her which are on scrutiny, found to be incorrect/inadmissible/forged/fabricated/falsified, his/her candidature shall be liable to be cancelled at any stage of the recruitment/at any time during the tenure of the service and appropriate legal action under applicable law shall be initiated against the applicant.

5. The Institute reserves the right to modify/withdraw/cancel any communication made to the applicant. In case of any dispute arising out of such a situation, the decision of the Institute shall be final and binding on the applicant.

The assessment will be based on evidence produced by the candidates as per Table II/Table III in the Brochure:

List of Proofs for Academic / Research Score:

1. Proof of Academic Qualifications
2. Proof of professional experience (Teaching, Research Organization / Industry)
3. Proof of NIRF Ranking of Institution.
4. Proof of foreign University/ Institution ranking among top 500 in World University ranking
5. Proof of Research Papers:
   i) Proof of Impact factor
   ii) First page indicating authorships only (full paper not required).
   iii) Proof of research papers in Peer-Reviewed/SCI/UGC/AICTE listed journals (one page each).
6. Proof of Peer-Reviewed/SCI/SCIE/SSCI/UGC/AICTE indexed journal as 1st, 2nd or corresponding author.
7. Proof of organizing Chairman/ Secretary of International/National Conference, Convenor/ Coordinator of Seminar/ Workshop (Maximum 02).
8. a) **Proof of Publications** (other than Research papers) (one page each of the documents):
   i) First page of book indicatingvolume & year
   ii) Proof of author of book
   iii) Nature of publishers International/National
   iv) Proof of Editor of book by International/National

   b) **Proof of Translation works in Indian and Foreign Languages by qualified faculties**:Proof of author/publisher with first page of chapter or research paper/ Book.
9. Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula:
   a) Proof of documents/certificate by competent authority at institute level/national level with author for development of Innovative pedagogy.
   b) Proof of design of new curricula and courses.
   c) Proof of development of completed moocs/self attested certificate as proof of development of moocs.
   d) Certificate/proof for development of E-content.

10. Proof of degree awarded/submitted under research guidance for Ph.D./PG with name of candidate and supervisor, with year of award of degree/proof of thesis submitted.

11. **Proof of Research Projects completed/on-going:** sanction letter with proof of total amount sanctioned from the funding agency, period of the project, completion certificate as applicable.

12. **Proof of consultancy**: offer letter/completion proof from the institute and concerned organisations with amount.

13. **Proof of patents granted (International/National)-** Certificates of patents.

14. **Proof of policy document**: certificate and specify the status with author proof and concerned institution.

15. **Proof of Award/Fellowship:** Copy of certificateand specify whether International/National.

16. **Proof for invited lectures whether International (Abroad)/ International (within country)/ National and State/ University:** Copy of certificate / email indicating name of candidate and concerned institution.

17. **Proof of conference proceedings**: certificate /email indicating name of candidate and institution.

Registration Fee details

1. The Registration Fee is to be deposited through online payment in the following account:-

Bank Details

Name of the Account Holder	Punjab Engineering College (Registration/application a/c)
Institute's Bank Name	State Bank of India
Branch Name with complete address	State Bank of India, PEC Branch, Sector-12, Chandigarh
IFSC Code of the Branch	SBIN0002452
MICR Code	160002008
Bank Account Number (Saving Account)	39083056639

2. ***Fee Payment***

- The candidates are required to pay Rs.1050/- in case of UR/OBC/PwBD candidates and Rs.550/- in case of SC/EWS category candidates.

** relaxation/ concession of fee is applicable only if the candidate has applied against the post."*

- *Enter transaction ID/UTR number of online payment in the form.*

SELECTION PROCESS TO BE FOLLOWED FOR PROFESSOR, ASSOCIATE PROFESSOR & ASSISTANT PROFESSOR

1. The shortlisted candidates shall be invited to present a seminar (about 10-15 minutes) before Departmental Faculty Committee (DFC) based on the best research paper.
2. The constitution of the Department Faculty Committee (DFC) will be:

i. Chairman/Chairperson approved by the Director.
ii. All faculty of the department (Faculty at Professor Level will participate in evaluation).
iii. At least one of the three external experts of the Selection Committee **(Optional).** The evaluation is not required by the expert.
iv. Director's Nominee.

3. All Professors, Chairperson/Chairman of the Department Faculty Committee will fill in the assessment performa as given in **Annexure II.** The Chairman/ Chairperson will collect the performa of the candidate and submit the same in a sealed envelope to the Dean Faculty Affairs just after the end of the seminar of the candidate. The assessment of first three candidates to be sent in separate envelope. Subsequently, in group of 4, the assessment may be sent.

4. The composition of selection committee is,
   i) Director, Chairperson
   ii) Three Experts in the concerned subject, nominated by the Director out of the panel approved by the BoG.
   iii) Nominee of the UT Administration.
   iv) Head of the concerned Department. For the position of Professor, if the HoD is at Associate Professor level, Dean Faculty Affairs will act as HoD.
   v) One representative of SC category, if any of the candidates representing these categories are the applicants and if any of the above members of the selection committee do not belong to that category.
   vi) One representative of OBC/Women category, if any of the candidates representing these categories are the applicants and if any of the above members of the selection committee do not belong to that category.

Annexure-II

SEMINAR ASSESSMENT FORM

Presenter:_____ Date of Seminar:_____

Topic:_____

Evaluation Items (circle appropriate numbers)

		Excellent	**V. Good**	**Good**	**Fair**	**Poor**
1.	Overall rating of the seminar	1	2	3	4	5
2.	Scientific content and quality of the 2. seminar: Appropriate for intended audience; consistent with topic.	1	2	3	4	5
3.	Knowledge of topic: in depth coverage, adequate interpretation.	1	2	3	4	5
4.	Preparation and use of required outline	1	2	3	4	5
5.	Organization of presentation	1	2	3	4	5
6.	Manner and style of presentation: voice, diction; ability to command attention, clear voice.	1	2	3	4	5
7.	Clarity of expression: ability to interpret information.	1	2	3	4	5
8.	Adequacy and use of required references	1	2	3	4	5
9.	Preparation and use of other handouts (if applicable)	1	2	3	4	5
10.	Preparation and effective description of slides.	1	2	3	4	5
11.	Response to questions: understanding of question; clear, succinct and non-evasive answers	1	2	3	4	5

Signature of Assessor:_____

Name: _____

Designation:_____