



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, नागपूर
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

Table No. 1

Essential Qualification, Essential Experience, Essential and Desirable requirements for faculty positions.

| S.N. | Name of the Post | Qualification , Experience, Essential and Desirable requirements |
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| 1.(i) | <p>Assistant Professor (On contract)</p> <p>PB-3 of Rs. 15600-39100 with AGP Rs.6000/- PM</p> <p>With seven non-compoundable advance increments</p> | <p><u>Essential Qualification:</u> Ph.D with first class at all the preceding degrees or equivalent, in the appropriate branch with a very good academic record throughout; at least one degree from institutions like IIT, NIT or other CFTIs / university departments or reputed institutions in India or reputed universities from abroad.</p> <p><u>Essential Experience :</u> None</p> <p><u>Essential Requirements</u> One paper in Journal under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option] and One paper in reputed Journal either published or accepted for publication. These publications may be based on Ph.D. work.</p> <p><u>Desirable Requirements</u> Two papers in Journals covered under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option] or one patent (filed / granted); may be based on Ph.D. work.</p> |
| 1.(ii) | <p>Assistant Professor (On contract)</p> <p>PB-3 of Rs. 15600-39100 with AGP Rs.7000/- PM</p> <p>With seven non-compoundable advance increments, if not included in earlier AGP Rs 6000/-PM or to be fixed at minimum basic of Rs.20140/-PM + AGP of Rs.7000 whichever is less.</p> | <p><u>Essential Qualification:</u> Ph.D with first class at all the preceding degrees or equivalent, in the appropriate branch with a very good academic record throughout; at least one degree from institutions like IIT, NIT or other CFTIs / university departments or reputed institutions in India or reputed universities from abroad.</p> <p><u>Essential Experience:</u></p> <p>i. Minimum one year Teaching experience after PhD in reputed institutes like IIT, NIT, other CFTI or university departments in India (in the grade pay of minimum Rs 6000/- or equivalent) or reputed universities abroad.</p> <p style="text-align: center;">or</p> <p>ii. Minimum one year research experience after PhD in National laboratories with the grade pay of minimum Rs 6000/- or equivalent.</p> <p style="text-align: center;">or</p> <p>iii. Minimum one year experience after PhD (in the grade pay of minimum Rs 6000/- or equivalent) in reputed Industry where the experience is considered useful for the job of Assistant Professor.</p> |



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| | | <p><u>Essential Requirements</u> One paper in Journals covered under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option] based on PhD work and one paper in Journals covered under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option] journal outside PhD work.</p> <p><u>Desirable Requirements</u> Two papers in Journals covered under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option] outside Ph.D. work or one patent (filed / granted); may be based on Ph.D. work.</p> |
| 2. | <p>Assistant Professor</p> <p>PB-3 of Rs. 15600-39100 with AGP Rs.8000/- PM</p> <p>Minimum pay in Pay Band to be fixed at Rs. 30,000/-</p> | <p><u>Essential Qualifications:</u> Ph.D with first class at all the preceding degrees or equivalent, in the appropriate discipline/branch with a very good academic record throughout; at least one degree from institutions like IIT, NIT or other CFTIs / university departments or reputed institutions/universities in India or abroad.</p> <p><u>Essential Experience:</u></p> <ul style="list-style-type: none"> i. Minimum three years of Teaching experience after PhD (in the grade pay of minimum Rs. 6000/- or equivalent) in reputed institutes like IIT, NIT, other CFTIs or university departments or reputed institutions/universities in India or abroad. <li style="text-align: center;">or ii. Minimum three years of research experience after PhD in National laboratories with the grade pay of minimum Rs. 6000/- or equivalent. <li style="text-align: center;">or iii. Minimum three years of experience after PhD (in the grade pay of minimum Rs 6000/- or equivalent) in reputed industry where the experience is considered useful for the job of Assistant Professor. <li style="text-align: center;">or iv. Minimum six years of experience (not counting PhD enrolment period) after obtaining M.Tech degree. <p><u>Essential Requirements:</u></p> <ul style="list-style-type: none"> i. Two papers in Journals covered under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option] outside Ph.D. work. ii. One ongoing sponsored project for candidates from academia. iii. For candidates from academia: Two experimental or computational projects added to teaching laboratories where appropriate. |



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| | | <p><u>Desirable Requirements:</u></p> <ol style="list-style-type: none"> One Ph. D. supervision ongoing. One Patent filed / granted. Experience in industry or R & D laboratory of repute. M.Tech., M.Sc. or B.Tech. project supervision on live industrial problems. At least one self supported/two sponsored STTP/workshop or seminar organized. Holding responsibility in Institute i.e. Wardenship, Faculty In-Charge (FIC), Coordinator etc. |
| 3. | <p>Associate Professor</p> <p>PB-4 of Rs 37400-67000 with AGP Rs.9500/- PM</p> <p>Minimum pay in the PB-4 to be fixed at</p> <p>Rs. 42, 800/-</p> | <p><u>Essential Qualifications:</u> Ph.D with first class at the preceding degree or equivalent, with a very good academic record throughout.</p> <p><u>Essential Experience :</u></p> <ol style="list-style-type: none"> Minimum experience of six years after Ph.D. in teaching out of which three year at the level of Assistant Professor (in the grade pay of minimum Rs. 8000/-) NIT/IIT/other CFTIs or reputed institutions/universities in India or abroad. or Minimum experience of six years after Ph.D. in reputed Industry (where the experience is considered useful for the job of teaching) /Research organizations, with three years experience at the level of minimum AGP Rs. 8000/- or equivalent as senior scientific officer/senior design Engineer or equivalent (or above). or Minimum nine years of experience (not counting Ph.D. enrolment period) after obtaining M. Tech. degree, out of which three years should be after PhD and three years at the level of Assistant Professor (in the grade pay of minimum Rs 8000/-) in NIT/ IIT/ other CFTI or reputed institutions/universities in India or abroad. or Minimum nine years of experience (not counting PhD enrolment period) after obtaining M Tech degree, in reputed Industry (where the experience is considered useful for the job of teaching) / Research organizations, out of which three years should be after PhD and three years experience at the level of minimum AGP Rs. 8000/- or equivalent as senior scientific officer / senior design Engineer or equivalent (or above) <p><u>Essential Requirements:</u></p> <ol style="list-style-type: none"> Four papers in Journals covered under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option] after PhD. |



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| | | <ul style="list-style-type: none"> ii. One Ph. D. guided as sole or principal supervisor plus one continuing. iii. Two projects ongoing or one ongoing plus one completed for candidates from academia. iv. Two experiments or computational projects added to teaching laboratories where appropriate for candidates from academia. v. For candidates from academia: Academic outreach activity equivalent to two self financed short-term courses offered. <p><u>Desirable Requirements:</u></p> <ul style="list-style-type: none"> i. One or more patents ii. Supervising Two or more PhD candidate iii. Strong liaison with industry iv. Offering courses through application of ICT v. At least one self supported / two sponsored STTP / workshop or seminar organized vi. Holding responsibility in Institute i.e. Wardenship, FIC, Co-ordinator etc. |
| 4. (i) | <p>Professor</p> <p>PB-4 of Rs 37400 – 67000 with AGP Rs. 10500/- PM</p> <p>Minimum pay in the pay band to be fixed at Rs. 48,000/-</p> | <p><u>Essential Qualifications:</u> Ph.D with first class at the preceding degree or equivalent, with a very good academic record throughout.</p> <p><u>Essential Experience:</u></p> <ul style="list-style-type: none"> i. Minimum of ten years experience after PhD with at least four years experience at the level of Associate Professor in grade pay AGP Rs. 9500/- (or equivalent) or seven years experience as Associate Professor in grade pay of AGP Rs 9000/- (or equivalent), in NIT/IIT/ other CFTIs or reputed institutions/universities in India or abroad. <p style="text-align: center;">or</p> <ul style="list-style-type: none"> ii. Minimum thirteen years experience (not counting Ph.D. enrolment period) after obtaining MTech degree, out of which seven years are to be after PhD, with at least four years experience at the level of Associate Professor in grade pay AGP Rs 9500/- (or equivalent) or seven years experience as Associate Professor in grade pay of AGP Rs. 9000/- (or equivalent), in NIT/IIT/other CFTI or reputed institutions/universities in India or abroad. <p><u>Essential Requirements:</u> Two Ph. D. degrees guided as sole or principal supervisor in career in NIT, IIT and CFTIs or reputed institutions/universities in India or abroad.</p> <p>The following during the past four years:</p> <ul style="list-style-type: none"> i. Three papers in Journals covered under web of Science [SCI, SSCI and other] and Scopus [with JOURNALS ONLY option]; |



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| | | <ul style="list-style-type: none"> ii. One high value sponsored or consultancy project; iii. Academic outreach activity equivalent to two self financed courses offered as coordinator and main teacher; iv. For candidates from academia: Two experiments or computational design projects added to teaching laboratories where appropriate <p><u>Desirable Requirements:</u></p> <ul style="list-style-type: none"> i. One or more Patents ii. Supervised more than three PhD Candidates iii. Preparing E-Learning material iv. At least one self-financed short-term course offered every year v. Strong liaison with industry vi. Offering significant support to institute management vii. High value sponsored or consultancy projects |
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