PAY SCALE AND PAY BAND:

<table>
<thead>
<tr>
<th>Post</th>
<th>Pay Band</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Professor</td>
<td>Pay Band: (PB-3) Rs.15600-39100+AGP 8000/-; Minimum Pay Rs.30,000/-</td>
</tr>
<tr>
<td></td>
<td>After completion of 3 years of service as Assistant Professor in PB-3, candidates will be considered for movement to Pay Band: (PB-4) Rs.37000-67000+AGP 9000/-</td>
</tr>
<tr>
<td>System Architect</td>
<td>Candidates with Ph.D. but with less than 3 years experience can be considered for Assistant Professor on contract pay as approved by the Board of Governors.</td>
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<td>Rs.15600-39100 with AGP of Rs.8000(PB-3) with movement to PB-4: of Rs.37400-67000 with AGP Rs.9000 after Completion of 3 years experience in AGP of Rs. 8000.</td>
</tr>
</tbody>
</table>

*The above Pay Scale etc. are as per 6\textsuperscript{th} CPC. 7\textsuperscript{th} Central Pay Commission is under implementation and the pay scales, designation etc will be revised accordingly.

UPDATED AREAS IN THE ROLLING ADVERTISEMENT FOR FACULTY POSITIONS AT THE LEVEL OF ASSISTANT PROFESSOR

DEPARTMENTS:


2. **BIOCHEMICAL ENGG. & BIOTECHNOLOGY**: Biochemical Engg. & Chemical Engg.


4. **CHEMISTRY**: Synthetic Organic Chemistry.


7. **ELECTRICAL ENGG.** : In all areas of Electrical Engineering including Electronics & Circuits, Control & Automation, Communication, Computer Engineering, Power Systems, Power Electronics, Machines & Drives.


11. **MECHANICAL ENGG.** : All areas of Design and Production and Industrial Engineering, Energy, Transportation motive power, Micro and Nano-scale fluid mechanics and heat transfer, Thermal engineering of process (including technologies for food preservation and thermal engineering of manufacturing process).

12. **PHYSICS** : All areas of Physics.


**CENTRES:**

to THz, **Signal Processing**: Underwater Acoustics, Acoustics for Air and other Media, Speech Processing, Signal Processing for Communications, Sensor Array Signal Processing, Multi-sensor Fusion, **Microelectronics**: MEMS and Microsystems, Nanoelectronics, Microsensors development for defense, space, health and environmental monitoring, mm-wave and THZ devices and technologies.

15. **ATMOSPHERIC SCIENCES**: Ocean Modeling, Climate Modeling, Mesoscale Studies and Atmospheric dispersion.

16. **BIOMEDICAL ENGG.**: **Bio Instrumentation**; Electrical Engineering, Electronics, Medical Sensors, **Biomechanics**; Medical Implants, Mechanical Engineering, Design Engineering, Production Engineering, Material Science & Engineering, **Bio Imaging**; Electrical, Electronics, Optical.


18. **INDUSTRIAL TRIBOLOGY, MACHINE DYNAMICS & MAINTENANCE ENGG.**: Maintenance Engineering and Reliability, Condition Monitoring, Lubrication, Tribological Materials.


20. **POLYMER SCIENCE AND ENGINEERING**: Polymer Technology, Polymer Rheology and Polymer Processing, Polymer Blends and Composites, Polymer Nanomaterials, Polymer Physics and Morphology.

21. **RURAL DEVELOPMENT AND TECHNOLOGY**: Bio resource technology for rural applications, Rural energy systems, Water and sanitation, Food Technology (processing, food quality and safety), Sustainable materials for rural housing & habitat, Engineering Design for products, processes & Rural systems, Rural resource planning & management. Rural and traditional Technologies and Industries.

22. **COMPUTER SERVICES CENTRE**:

**SYSTEM ARCHITECT:**

- Ph.D. in Computer Science/Engineering/applied Sciences with 3 years experience **OR**
• M.Tech. in Computer Science/Engineering/Applied Sciences with 5 years experience OR
• B.Tech. or M.Sc. in Computer Science/Engineering/Applied Sciences or M.C.A. with 7 years experience; and
• First class or equivalent grade in all university-level degrees in respective discipline with a consistently good academic record;
• Strong academic background and work experience with computer systems or computer systems/applications software (including high-performance computing) or computer networks.
• Age preferably below 35 years.

SCHOOLS:

23. **BHARTI SCHOOL OF TELECOMMUNICATION TECHNOLOGY AND MANAGEMENT:** All areas of Telecom Technology and Management.


25. **KUSUMA SCHOOL OF BIOLOGICAL SCIENCES:** Basic/ Fundamental research in Biological Sciences in the areas of Structural Biology, Infectious diseases & non-communicable disorders and cognitive & computational neurosciences.

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