RESUME

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|  | **Dr Ashish Kumar Parashar**  **Associate Professor** Department Civil Engineering SOS, Engineering & Technology  Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) Pin Code:495009  Emails: [aparashar08@gmail.com](mailto:aparashar08@gmail.com), [ak.parasharced@ggu.ac.in](mailto:ak.parasharced@ggu.ac.in) Mb. No. 9425502572 |

1. Academic Qualification (Undergraduate Onwards)

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| --- | --- | --- | --- | --- |
| S. No. | Degree | Year | Subject | University/Institution |
| 1 | B.E. | 1993 | Civil Engineering | Pt. R.S.U. Raipur |
| 2 | M. Tech. | 1996 | WRE | Regional Engineering College Kurukshetra |
| 3 | Ph. D. | 2022 | Earthquake Engineering | Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur |

1. Ph.D. thesis title, Guide’s Name, Institute/Organization/University, Year of Award.

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| --- | --- | --- | --- |
| S. No. | Ph.D. thesis title | Guide’s Name | Institute/Organization/University |
| 1 | Seismic Hazard Analysis for All District Headquarters  and all major Dams of Chhattisgarh State | Prof S. L. Atmapoojya | Rashtrasant Tukadoji Maharaj  Nagpur University, Nagpur |

1. Work experience: 20 Years in Teaching
2. **As Head of Department- Department Achievements** [**28.12. 2021 to 07.06.2024**]
   * Successfully Complected NAAC pear team visit twice in the University and achieved NAAC A++ Grade

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| S. No. | Academic Year | GATE/ CAT | IELTS/TOEFL/GRE | Total |
| 1 | 2022-23 | 10 | 03 | 13 |
| 2 | 2023-24 | 10 | - | 10 |
|  | Total | 20 | 03 | 23 |

* + 16 students got placed in various Companies
* Consultancy Services

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| --- | --- | --- |
| S. N. | Name of the Firm/Client/Building/Project/Location | Amount [Rs] |
| 1 | Rail Vikas Nigam Limited M/S Tirupati Enterprises, Bilaspur (Arang Mahanadi & Mahasamund in Sambalpur Division). | **97824** |
| 2 | CSIDC Ltd RCC 20 KL Sump Well and Pump House, M/S Anandi Builders (Village- Ulakiya, Sarguja, CG). | **23600** |
| 3 | CG Housing Board Bilaspur Urban Womens Levelihood Center at Torva, Bilaspur. | **68012** |
| 4 | CGMSC Ltd. Bilaspur Division New Primary Health Center, Setganga, Dist.- Mungeli. | **23000** |
| 5 | CGMSC Ltd. Bilaspur Division New Primary Health Center, Junapara Takhatpur, Dist.- Bilaspur. | **23000** |
| 6 | PWD EE, Division III Korba Mr. Piyush Raj Verma G. T. Design Studio (Planner+ Architect + Interior), P-27 Kavita, Nagar, Avanti Vihar, Raipur (CG) | **91745** |
| 7 | MECON LIMITED Mr. Ankush Yadav Sr. Project Engineer For- Standard Infratech India Pvt. Lt. C.G. | **473330** |
| 8 | CG Housing Board Bilaspur H.I.G., M.I.G., L.I.G and EWS Houses | **94400** |
|  | **Total Amount Received** | **8,96,111** |

* Testing Services

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| S. N. | Name of the Firm/Client/Building/Project/Location [Bar Testing and Mix Design] | Amount [Rs] |
| 1 | Sub Divisional Officer, W. R. Deptt. Bilaspur. (Arpa River at Shiv Ghat Bairaz, Bilaspur) | **11800** |
| 2 | Sub Divisional Officer, W. R. Deptt. Bilaspur. (Arpa River at Pachari Ghat Bairaz, Bilaspur) | **11800** |
| 3 | Sub Divisional Officer, W. R. Deptt. Bilaspur. (Shivnath River at Ghoghara Anicut, Bilaspur) | **11800** |
| 4 | Sub Divisional Officer, W. R. Sub Division Takhatpurt, Dist.- Bilaspur. (Ghongha River at dabena Anicut,Takhatpur, Bilaspur) | **11800** |
| 5 | Sub Divisional Officer, W. R. Deptt. Sub Division Kharang, Dist.-Bilaspur. (Mongra Jalasay, Bilaspur) | **5900** |
| 6 | Sub Divisional Officer, W. R. Deptt. Sub Division Kharang, Dist.-Bilaspur. (Mongra Jalasay, Bilaspur) | **11570** |
| 7 | Sr. Manager (Engg. Civil), Air Port Authority,Rewa Airport, Rewa (MP).Mix Design M25 Grade Concrete. | **42540** |
| 8 | Sub Divisional Officer, W. R. Sub Division Takhatpurt, Dist.- Bilaspur. (Ghongha River at dabena Anicut,Takhatpur, Bilaspur) Khapri Anicut | **5900** |
| 9 | Sub Divisional Officer, W. R. Deptt. Sub Division Kharang, Dist.-Bilaspur. (Mongra Jalasay, Bilaspur) Bohardih Anicut | **5900** |
|  | **Total Amount Received** | **119010** |

* Student Club/Chapter

1. Institution of Engineers (India) has started Students Chapter in GGV
2. Indian Geotechnical Society has started Student Chapter in GGV

* Site Visit

1. Jat Khambh Giraudpuri Dham, Giraudpuri, Chhattisgarh-in Academic Session 2021-22
2. New Vidhansabha of Chhattisgarh Raipur -in Academic Session 2023-24
3. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant

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| S. No | Name of Award | Awarding Agency | Year |
| 1. | Eminent Teacher Award | The Institution of Engineers (India), Chhattisgarh State Center, Raipur | 2024 |
| 2. | Institutional Best Engineer Award for New Govt. Engineering College Raipur | Chhattisgarh Vidyut Mandal Abhiyanta Sangh, C.G. | 2007 |
| 3. | GSE Member-2007  [Group Study Exchange] Visit Brazil for one month | Central Zone Rotary Club | 2007 |
| 4. | Certificate of Appreciation from Govt. of Chhattisgarh for Structure Design of village Pipalia, Rajkot Gujarat, which was divested by earthquake, dated 26 Jan.2001. | Government of Chhattisgarh | 2001 |

1. Publications *(List of papers published in SCI/Scopus/UGC Journals, in year wise descending order)*

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| --- | --- | --- | --- | --- | --- | --- |
| S. No. | Author(s) | Title | Name of Journal | Volume | Page | Year |
| 1. | Parashar, A.K. | Seismic Hazard Computation of Central Chhattisgarh (India) Using Probabilistic Approach | Nanotechnology Perceptions | 20 (7) | 3930-3950 | 2024 |
| 2. | Mishra Anamika, Parashar Ashish Kumar | [Experimental Study to Enhance the](https://propulsiontechjournal.com/index.php/journal/article/view/5596) [Compressive Strength of Concrete](https://propulsiontechjournal.com/index.php/journal/article/view/5596) [Using Cow Dung Ash, Rice Husk](https://propulsiontechjournal.com/index.php/journal/article/view/5596) [Ash and Alccofine](https://propulsiontechjournal.com/index.php/journal/article/view/5596) | Tuijin Jishu/ Journal of Propulsion Technology | 45(1) | 5368 - 5381 | 2024 |
| 3. | Parashar, A.K. | Seismic hazard assessment and significance of ground motion prediction equations: a deterministic  approach | Asian Journal of Civil Engineering | 24 | 607-618 | 2022 |
| 4. | Parashar, A.K., Atmapoojya, S.L. | Earthquake Natural Hazard over Major Dams  of Chhattisgarh State | Indian Journal of Natural Sciences | 13(73) | 46817-46831 | 2022 |
| 5. | Parashar A. K. | Seismic ground motion assessment around Durg region of Chhattisgarh (INDIA) | Stochastic Modeling & Applications | 26(3) | 359-369 | 2022 |
| 6. | Sahu, C.R., Tripathi,  R. K., Verma, M. K. and Parashar, A.K. | Assessment of Seismic Hazard at Tandula Dam and Balar Dam using DSHA in Chhattisgarh State”, Jr. of  Structural Engineering, Chennai | Journal of Structural Engineering | 35(2) | 95-104 | 2008 |
| 7 | Parashar, A.K., Parashar, R. | Innovations and Curriculum  Development for Engineering Education and Research in India | Social and Behavioral Sciences | 56 | 685 – 690 | 2012 |

1. Detail of patents:

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| --- | --- | --- | --- | --- | --- |
| S. No. | Patent Title | Patent No. | Award Date | Agency/Country | Status |
| 1 | Interlocking Bricks for Building Construction | 6302539 | 8 Sept. 2023 | UK Design Patent | Grant |
| 2 | A Seismic Hazard Assessment System | 2023/06866 | 28 Feb 2024 | South Africa Design Patent | Grant |

1. Books/Reports/Chapters/General articles etc.

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| --- | --- | --- | --- |
| S. No. | Title | Publisher | Year of Publication |
| **Books** | | | |
| 1 | Building Services | International Publishing House | 11 February 2024 |
| 2 | [Fluid Mechanics Lab Manual](https://stm.bookpi.org/FMLM/article/view/7622) | B P Publication | 6 July 20022 |
| **Books Chapters** | | | |
| 1 | Seismic Hazard Assessment of Tribal District  Headquarter Dantewara of Chhattisgarh State (India) | B P Publication | 26 October 2021 |
| 2 | Deterministic Seismic Hazard Assessment for Major District Headquarters of Chhattisgarh State (India) | Nova Science Publication | 28 Jan 2022 |
| 3 | A Seismic Hazard Assessment of North Chhattisgarh (India) [Natural Hazards - New Insights] | Intech | 16 Jan 2023 |
| 4 | [Implementing Flip- Flop Classroom Models with the National Education Policy (NEP) in India](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=YAKkPx0AAAAJ&citation_for_view=YAKkPx0AAAAJ:7PzlFSSx8tAC) [Global Practices in Inclusive Education Curriculum and Policy] | IGI Global Scientific Publishing | 2 Feb 2025 |
| 5 | [Integrating Universal Design in Education Policy Through Technological Solutions: Breaking Barriers](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=YAKkPx0AAAAJ&citation_for_view=YAKkPx0AAAAJ:dhFuZR0502QC) [Global Practices in Inclusive Education Curriculum and Policy] | IGI Global Scientific Publishing | 2 Feb 2025 |
| 6 | Critical Thinking in Higher Education Through Innovative Strategies: Out-of-the-Box Thinking [Global Practices in Inclusive Education Curriculum and Policy] | IGI Global Scientific Publishing | 2 Feb 2025 |

1. Any other Information (maximum 500 words)

# Conference Proceedings

* + Parashar, A. K., In 1st Chhattisgarh Young Scientist Congress, Yr’s. 2002-2003 “Experimental Investigation of Scouring Patterns under Free Falling Jet for Application in Design of Bridge”
  + Parashar, A.K., Verma M.K. “Disaster Management and its Mitigation” National conference on Recent Advances & Trends in Civil Engineering. B.I.T., Durg (C.G.)
  + Shastri, S, and Parashar, A.K., “Industry Institute Linkage-The Hand Shake Policy.” Dept. of Technical Education & Manpower Planning Govt. of Chhattisgar
  + Parashar, R., Parashar, A.K., “Affordable Housing for all- An Indian Overview” International Conference on Urban Dynamics and Planning 2032, Luck now, p.p. 58-61
  + AnithaI, Kongalla, Sravanthi Bandaru, Parashar, A.K. “Innovative and Sustainable Best Practices in Waste Management: The Chhattisgarh Model”, International Conference on Trends in Energy and Environmental Research for Sustainable Development-II-2024, TEERSD-II-2024, November 12-13th 2024
* **Administrative Responsibilities**
  + Hold the position of Head, Civil Engineering Department, from 28-12-2021 to 07-06-2024
  + Chairman, BoS, Civil Engineering from May 2022- June 2024
  + Chairman, DRC, Civil Engineering from May 2022- June 2024
  + Member, Building Committee from 2021 to June 2024
  + Nodal officer Gender Champion from 2016 to till date
  + Member, DRC, Civil Engineering from 2021 to till date
  + Worked as Member, BoS, Civil Engineering, during 2019-22
  + Member of Proctorial Board [University Apex Body] - 2016-2019
  + Member Anti Ragging Committee-School of Engineering and Technology between 2017- 2019
  + Nodal officer for Gender Champions from 2016
  + V C Conference – Member of Transportation Committee -2012-13
  + Member of Campus Pond Development Committee -2011-2013
  + Member of Campus surface water flow and drainage system Committee-2011-2013
  + Member for Verification Committee for appointment of Sanitary Inspector-2013
  + Polling Officer- For University Students Election -2011
  + Tech Fest Equilibrio-2013- Member for Bridge Construction Event
  + Member of Discipline Committee-2012-13, 2017-18, 2019-20, 2020-21,2021-22
  + Member of Training & Placement Committee-2011-12, 2012-13, 2013-14
  + Member of Departmental Books /Journals Procurement Committee- 2011-19
  + Departmental Web site updating work- Recent Departmental Activities/ Faculties Information/Student Activities- 2011-19
* **Internal Consultancy Work [Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)] [**Structural Design / Vetting for Building Project Work Total Estimated Cost=71.74 Cr]
  + Department of Forestry, Department of Rural Technology and Workshop Building under Institute of Technology- Estimated Cost -789 Lakh
  + University’ Guest House - Estimated Cost -692 Lakh
  + Cafeteria - Estimated Cost -272 Lakh
  + Academic Staff College’ Guest House - Estimated Cost -119 Lakh
  + Accelerator Hall - Estimated Cost -626 Lakh
  + Department of Zoology and Department of Chemistry - Estimated Cost -2585 Lakh
  + Department of Physics- Estimated Cost -93 Lakh
  + Primary Health Centre - Estimated Cost -62 Lakh
  + Boys Hostel (2 Buildings.) - Estimated Cost -1471 Lakh
  + Physics Extension Block - Estimated Cost -432 Lakh
  + Department of Forestry Extension (Hall and Porch) - Estimated Cost - 33 Lakh

# External Consultancy Work

* + Checking of Structural Design of Integrated Housing for Slum Development Program “IHSDP” of Floors G+2, Area=821.82 m2 of Nagar Palika Nigam, Bilaspur C.G –22 Projects
  + Checking of Structural Design of construction of houses under Basic Service for Urban Poor “BSUP” of Floors G+3, Area=1102.36 m2 of Nagar Palika Nigam Raipur, C.G. - 5 Projects
  + Checking of Structural Design of construction of 450 KL [1Lakh Gallon] Capacity RCC Over- Head tank on 15 M Staging & construction of 227 KL[50,000 Gallon] Capacity of Sump Well at Charoda, Durg,

C.G.  Checking of Structural Design of construction of Medium Bridge in between Sakti to Bagbudwa, Bilaspur C.G.

* + G+2 storied building, total 24DU’s, at Bartarai Project, Near SECL Office, Bsp, under, “I.H.S.D.P., Group-I, 528 unit (24-22 block) by the Nagar Palik Nigam, Bilaspur, vide work order no 937/BMC/plan.- admn. /2013-14, Bsp. Dtd. 19-9-13 -Estimated Cost - 50.89 Lakh
  + G+2 storied building, total 24DU’s, at Khamtari, Near Govt. Engg. College, Koni, Bsp. under “I.H.S.D.P., Group-I, 528 units (24-22 block) Nagar Palik Nigam, Bilaspur, vide work order no 930/BMC/plan.-admn.

/2013-14, Bsp. Dtd. 19-09-13 -Estimated Cost -50.89 Lakh

* + G+2 storied building, total 24DU’s, under ‘I.H.S.D.P.’, Group-Z-7, 120 units (24-5 block) House Construction, by the Nagar Palik Nigam, Bilaspur, vide work order of BMC no 755/BMC/plan, admn.

/2013-14, Bsp. Dtd. 13-5-13 -Estimated Cost -50.89 Lakh

* + G+2 storied building, total 24DU’s, under,’I.H.S.D.P.,Group-VII, 48 unit (24-2 block) by the Nagar Palik Nigam, Bilaspur, vide work order of BMC no 769/BMC/plan.-admn. /2013-14, Bsp. Dtd. 17-5- 13. Estimated Cost -50.89 Lakh
  + G+2 storied building, total 24DU’s under, ‘I.H.S.D.P.’,Group-Z-IV, 120 units (24-5 block) by the Nagar Palik Nigam, Bilaspur,vide work order of BMC no 762/BMC/plan.-admn. /2013-14, Bsp. Dtd. 13-5-13. Estimated Cost -50.89 Lakh
  + G+2 storied building, total 36 DU’s, for only one Block, under, ‘I.H.S.D.P.’ Group-8, 36 unit (36-1 block) by the Nagar Palik Nigam, Bilaspur, (C.G.) vide work order of BMC no 783/BMC/plan, admn./2013-14, Bsp. Dtd. 17-05-13 - Estimated Cost -76.39 Lakh [Each block]
  + G+2 storied building, total 24 DU’s, vetted for only one Block, under,’I.H.S.D.P.’, Group-3, 264 units (24-11 block) by the Nagar Palik Nigam, Bilaspur, (C.G.) vide work order of BMC no 1068/BMC/plan, admn./2013-14, Bsp. Dtd. 30-11-13 - Estimated Cost -50.89 Lakh
  + H.L. Bridge across Champa Nalla, on Ambikapur-Gangapur Road - Estimated Cost 104.33 Lakh [\*Above Mentioned Consultancy (Internal and External) work, were carried out in association with other faculty members of Civil Engg. Dept., Institute of Technology, GGV.

1. Faculty Development program and Industrial Training (Session 2023-24)

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| S. No. | Program | University Order No. | Date/Duration | Institute/Sponsored by |
| 1 | Approaching Zero Waste Cities | Ref. No.  3338/Estt./Admn./2023 Bilaspur, Date 12/09/2023 | **18/09/2023 to 22/09/2023**  **(One Week)** | Dept. of Civil Engg, NITTTR, Chandigarh/ AICTE. |
| 2 | Advanced  instructional methods for teaching learning | Ref. No.  3989/Estt./Admn./2023 Bilaspur, Date 24/11/2023 | **20/11/2023 to 24/11/2023**  **(One Week)** | Dept. of Civil Engg, NITTTR, Chandigarh/ AICTE. |
| 3 | NEP 2020 orientation and sensitization programme | Ref. No. 651/Estt./Admn./2024 Bilaspur, Date 06/02/2024 | **14/02/24 to 23/02/2024 (Eight Days)** | UGC-Malaviya Mission Teacher Training (MM-TTC) and Guru Ghasidas Vishwavidyalaya |
| 4 | Integrated Water  Resource Management | Ref. No.  1072/Estt./Admn./2024 Bilaspur, Date 06/03/2024 | **26/02/2024 to 01/03/2024**  **(One Week)** | Dept. of Civil Engg, NITTTR, Chandigarh/ AICTE. |
| 5. | Industrial Training | Ref. No. 2093/Estt./Admn./2023  Bilaspur, Date 24/05/2023 | **25/05/2023 to 07/06/2023**  **(Two Week)** | Office of the Executive Engineer Kharung Water Resources Division,  Bilaspur, Distt, Bilaspur (C.G.) |

* **Life Member:** Indian Society for Technical Education [ISTE][LM51637]

Indian Building Congress [IBC] [ML3842]

Indian Society of Earthquake Engineering [ISEE][LM1342]

Indian Society of Wind Engineering [ISWE]

Vigyan Bharti

* **Member:** MI-The Institution of Engineer’s (India)

Chartered Engineer [India]

District Wetland Conservation Committee [DWCC]